

# Digital

## Workstation Models

AlphaServer 400 4/166, 4/233; AlphaStation 400 4/233; AlphaStation 200 4/233, 4/166, 4/100; .....	314
AlphaServer 300 4/266; AlphaStation 255 233, 300; AlphaStation 250 4/266 .....	315
AlphaStation 600 5/333, 5/300, 5/266 .....	315
AlphaStation 500 500 3D, 400 2D/3D .....	316
AlphaStation 500 333 2D/3D, 266 2D/3D .....	316
DEC 3000 Alpha AXP 900, 800, 800s .....	317
DEC 3000 Alpha AXP 700, 600, 600S .....	318
DEC 3000 Alpha 500 AXP, 500S .....	319
DEC 3000 Alpha 400, 400S .....	320
DEC 3000 Alpha AXP 300, 300L, 300X, 300LX .....	321
DEC 2000 Alpha AXP 300 .....	322
DECstation 5000 133; DECsystem/station 5000 125, 120 .....	323
DECstation 3100, 2100 .....	323
DECsystem 5900 .....	324
DECsystem 5100 .....	324
DECsystem 5000 260, 240, 200 .....	325
DECsystem 5000 25; Personal DECstation 5000 20, 25 .....	325
Personal Workstation Model 600au, 600au, 500au, 500a, 433au, 433a .....	326
Personal Workstation Model 266i2, 266i .....	326
Personal Workstation Model 200i2, 200i, 1880i .....	327
VAXstation 4000 Model 100 .....	327
VAXstation 4000 Model 90 .....	328
VAXstation 4000 Model 60 .....	328
VAXstation 4000 VLC .....	329
VAXstation 3100 Model 76 .....	329
VXT 2000 .....	329

## Tower Models

AlphaServer 2000 5/250, 4/275, 4/233, 4/200 .....	330
AlphaServer 1000A 5/500, 5/400, 5/333, 5/300 .....	331
AlphaServer 1000A 4/266; 1000 4/266 .....	331
AlphaServer 1000 4/233, 4/200 .....	332
AlphaServer 800 5/500, 5/400, 5/333 .....	332
Celebris GL 6200, 6180 .....	333
Celebris XL 6200, 6180, 6150 .....	333
Celebris XL 5166, 5150, 5133, 5120, 5100, 590 .....	334
Celebris Alpha XL 366, 300 .....	334
Celebris Alpha XL 266, 200 .....	335
DECpc MTE 466d2, 433dx, 4100; Prioris MTE 466d2, 4100 .....	335
DECpc MT 466d2, 450d2, 433dx .....	336
DEC 2000 Model 500 AXP Server .....	337
DECpc 560ST .....	337

DECpc XL Server 590; Prioris XL 5200/DP, 5166/DP, 5133, 5133DP, 5100, 5100DP, 590, 590DP, 575 .....	338
DECpc XL Server 566, 560; Prioris LX 590, 575; Prioris XL Server 566, 560 .....	338
DECpc XL Server 4100, 466; Prioris XL Server 466 .....	339
DECpc XL 590, 566, 560 .....	340
DECpc XL 4100, 433dx, 466d2 .....	340
DECpc 466ST, 450ST, 433ST, 425ST .....	341
DECpc 433T .....	341
MicroVAX 3100 Model 95, Model 85 .....	342
MicroVAX 3100 Model 40, Model 30 .....	342
MicroVAX 3100 Model 80 .....	343
PC 3010 .....	343
Prioris HX 6266; MX 6266 .....	344
Prioris HX 6200, 6200MP; MX 6200, 6200MP .....	344
Prioris HX 590, 590DP, 166, 166DP, 133, 133DP .....	344
Prioris LX 5200, 5150, 5120, 590, 575 .....	345
Prioris XL 6200; XLe 6180 .....	345
Prioris ZX Server 6200MP, 6200MP/2, 6200MP/4, 6166MP, 6166MP/2, 6166MP/4 .....	346
Prioris ZX Server 5166MP, 5166MP/2, 5166MP/4, 5133MP, 5133MP/2, 5133MP/4 .....	347
Venturis GL 6200, 6180 .....	347

## Desktop Models

Celebris 590, 575, 560, FP 590, .....	348
Celebris FX-2 5200M, 5166M, 5166; PC 5100 .....	349
Celebris FX 5200, 5200M, 5166, 5133 .....	350
Celebris GL 5133, 5120, 5100, 5166ST, 5150ST, 5133ST, 5120ST, 5100ST .....	350
Celebris GL-2 6266, 6233 .....	351
Celebris GL 590 .....	351
Celebris 4100, 466 .....	352
DECpc AXP 150 .....	352
DECpc LPx 566, 560 .....	353
DECpc LP 466d2, 450d2, 340dx, 433dx, 425sx; DECpc LPx 466d2, 450d2, 433dx, 433sx .....	353
DECpc 333sx LP .....	354
DECpc LPx+ 466d2, 450d2, 450s2, 433dx, 433sx, 4100 .....	354
DECpc LPv+ 466d2, 450d2, 450s2, 433dx, 433sx, 425sx, 4100 .....	354
DECpc 420SX .....	355
DECpc 433 Workstation .....	355
DECstation 320SX; DECpc 316SX .....	356
DECstation 425c, 333c, 325c, 320 Plus, 316 Plus .....	356
Starion 960, 950, 940, 933, 932, 931, 930, 922, 921, 920, 919, 917, 915, 911, 910, 900i, 800i, 700i, 600i, 500i, 400i, 300i, 200i .....	357
Venturis 5166, 5150, 5133, 5120, 5100, 590, 575 .....	358
Venturis 560 .....	358
Venturis 4100, 466, 450s2, 433sx .....	359
Venturis FX 5200, 5166sm, 5166/5166s, 5150/5150s, 5133sm, 5133/5133s, 5120/5120s, 5100/5100s .....	359
Venturis FX-2 6233K ST, 5200M, 5166, 5166M; PC 3100 .....	360

## Portable Models

DECpc 433SE, 425SE .....	361
DECpc 433SL, 425SL, 425SLC .....	361
DECpc 325SL .....	362
DECpc 325P .....	362
DECpc 433SLC Premium, 425SL Premium .....	362
DECpc 320P .....	363
HiNote 486DX4/75, 486DX2/50, 486SX/33 .....	363
HiNote Ultra 2000 GTX 5266M, 5233M, 5166M; VTX 5166M .....	363
HiNote Ultra SX/33, DSTN Color DX2/50, SX/33 .....	364
HiNote Ultra TFT Color DX4/75, DX2/50 .....	364
HiNote VP CSS 5100, 575; CTS 5100; LSS 5120, 5100; LTS 5120 .....	364
HiNote Ultra II CTE 5100; CTS 5133, 5120, 5100; LTS 5133, 5150 .....	365
HiNote VP 745, 725, 717, 715, 710, 703 .....	365
HiNote VP 575, 567, 565, 562, 560 .....	366
HiNote VP 540, 535, 525, 520 .....	366


## Workstation Models

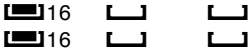
### AlphaServer 400 4/166, 4/233; AlphaStation 400 4/233; AlphaStation 200 4/233, 4/166, 4/100;

**SYSTEM MEMORY** Standard Memory: 16MB or 32MB (removable)  
**FEATURES:** Maximum Memory: 384MB  
 Expansion: 6 sockets (3 banks of 2)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	8MB Kit	2	KTV-TAM/8	FR-PC77M-AA,PCTAM-CD
	16MB Kit	2	KTV-TAM/16	FR-PC77M-AB,PCTAM-CE
	32MB Kit	2	KTV-TAM/32	FR-PC77M-AC,PCTAM-DF
	64MB Kit	2	KTV-TAM/64	FR-PC77M-AD
	128MB Kit	2	KTV-TAM/128	FR-PC77M-AJ, MSP01-AE

**COMMENTS:** In the AlphaStation 200 series, the KTV-TAM/128 will not fit in the last bank of sockets.

**BANK SCHEMA:** *16MB Standard:*  


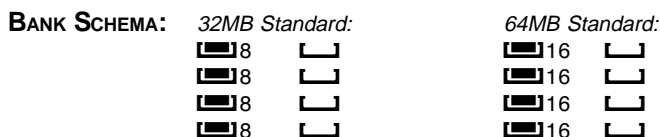
*32MB Standard:*  


**MEMORY UPGRADE PATH(S):** Any combination of Kingston's 8, 16, 32, 64, and 128MB kits can be installed to reach configurations up to 348MB

# AlphaServer 300 4/266; AlphaStation 255 233, 300; AlphaStation 250 4/266

**SYSTEM MEMORY FEATURES:** Standard Memory: 32MB or 64MB (removable)  
 Maximum Memory: 512MB  
 Expansion: 8 sockets (2 banks of 4)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	16MB Kit	4	KTV-A2000/16	PB2MA-BD
	32MB Kit	4	KTV-PZX/32	FR-PC77M-AS, MSP01-BA, FR-PC77M-AK
	64MB Kit	4	KTV-A2000/64	PB2MA-BF, MSP01-BB
	128MB Kit	4	KTV-A2000/128	(2) PC77M-AD, MSP01-BC
	256MB Kit	4	KTV-PZX/256	N/A



**MEMORY UPGRADE PATH(S):** Any combination of Kingston's 16, 32, 64, 128, or 256MB kits can be installed to reach configurations up to 512MB.

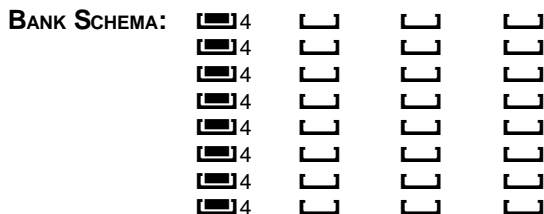
# AlphaStation 600 5/333, 5/300, 5/266

**SYSTEM MEMORY FEATURES:** Standard Memory: 32MB (removable)  
 Maximum Memory: 1GB  
 Expansion: 32 sockets (4 banks of 8)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	32MB Kit*	8	KTV-A600/32	MSP01-CA
	64MB Kit	8	KTV-A600/64	MSP01-CB
	128MB Kit	8	KTV-A600/128	MSP01-CC
	256MB Kit	8	KTV-A600/256	MSP01-CD

\* Enhancement to or substitute for Mfr Part Number.

**COMMENTS:** Kits must be installed in descending order with higher capacity kits installed first.



**MEMORY UPGRADE PATH(S):** Any combination of Kingston's 32, 64, 128, and 256MB kits can be installed to reach configurations up to 1GB.

Should you need further assistance contact your Workstation representative for configuration requirements specific to your system.

## AlphaStation 500 500 3D, 400 2D/3D

**SYSTEM MEMORY FEATURES:** Standard Memory: 64MB or 128MB (removable)  
Maximum Memory: 512MB with current Kingston products  
1GB with release of 512MB kit  
Expansion: 8 sockets (2 banks of 4)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	128MB Kit	4	KTV-A500/128	MSP01-FC
	256MB Kit	4	KTV-A500/256	MSP01-FD

**BANK SCHEMA:**

<i>64MB Standard:</i>	<i>128MB Standard:</i>
	

**MEMORY UPGRADE PATH(S):**

64MB Standard:

<b>64MB</b>	<b>STD</b>	256MB** (2)	KTV-A500/128
192MB	(1)	KTV-A500/128	512MB** (2) KTV-A500/256

\*\* Requires replacement of all standard memory where indicated.

128MB Standard:

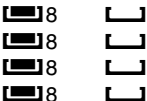
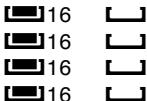
<b>128MB</b>	<b>STD</b>	512MB** (2)	KTV-A500/256
256MB	(1)	KTV-A500/128	

## AlphaStation 500 333 2D/3D, 266 2D/3D

**SYSTEM MEMORY FEATURES:** Standard Memory: 32MB or 64MB (removable)  
Maximum Memory: 512MB  
Expansion: 8 sockets (2 banks of 4)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	128MB Kit	4	KTV-A500/128	MSP01-FC
	256MB Kit	4	KTV-A500/256	MSP01-FD

**BANK SCHEMA:**

<i>32MB Standard:</i>	<i>64MB Standard:</i>
	

**MEMORY UPGRADE PATH(S):**

32MB Standard:

<b>32MB</b>	<b>STD</b>	256MB** (2)	KTV-A500/128
160MB	(1)	KTV-A500/128	512MB** (2) KTV-A500/256

64MB Standard:

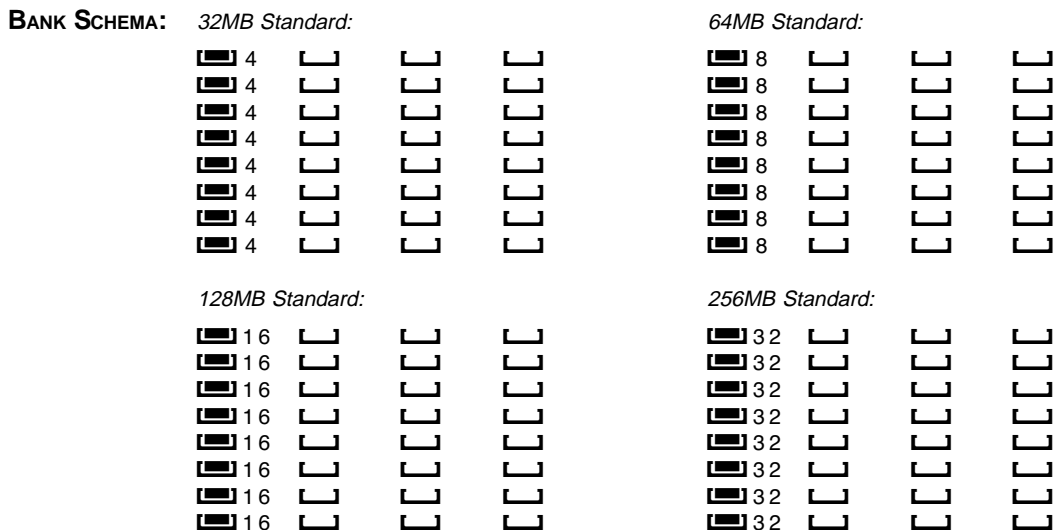
<b>64MB</b>	<b>STD</b>	256MB** (2)	KTV-A500/128
192MB	(1)	KTV-A500/128	512MB** (2) KTV-A500/256

\*\* Requires replacement of all standard memory where indicated.

# DEC 3000 Alpha AXP 900, 800, 800s

**SYSTEM MEMORY FEATURES:** Standard Memory: 32MB - 256MB (removable)  
 Maximum Memory: 1GB  
 Expansion: 32 sockets (4 banks of 8) on four memory boards

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	32MB Kit	8	KTV3AXP/32	MS15-CA
	64MB Kit	8	KTV3AXP/64	MS15-DA
	128MB Kit	8	KTV3AXP/128	MS15-EA
	256MB Kit	8	KTV3AXP/256	MS15-FA

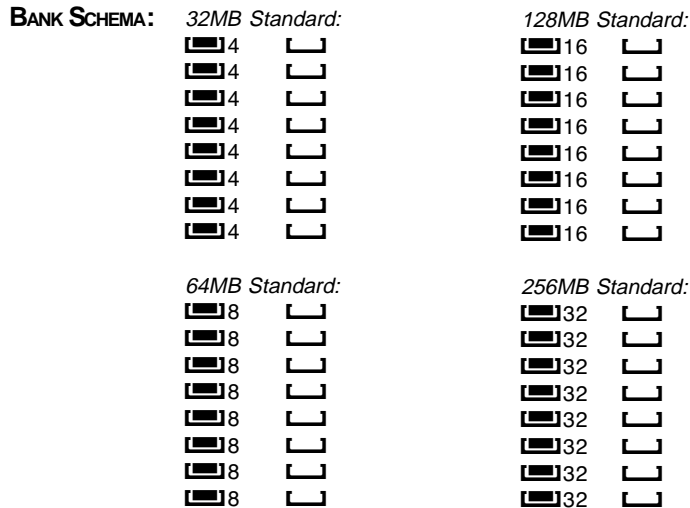


**MEMORY UPGRADE PATH(S):** Should you need further assistance contact your Workstation representative for configuration requirements specific to your system.

# DEC 3000 Alpha AXP 700, 600, 600S

**SYSTEM MEMORY FEATURES:** Standard Memory: 32MB - 256MB (removable)  
 Maximum Memory: 512MB  
 Expansion: 16 sockets (2 banks of 8) on two memory boards

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	32MB Kit	8	KTV3AXP/32	MS15-CA
	64MB Kit	8	KTV3AXP/64	MS15-DA
	128MB Kit	8	KTV3AXP/128	MS15-EA
	256MB Kit	8	KTV3AXP/256	MS15-FA



**MEMORY UPGRADE PATH(S):** Should you need further assistance contact your Workstation representative for configuration requirements specific to your system.

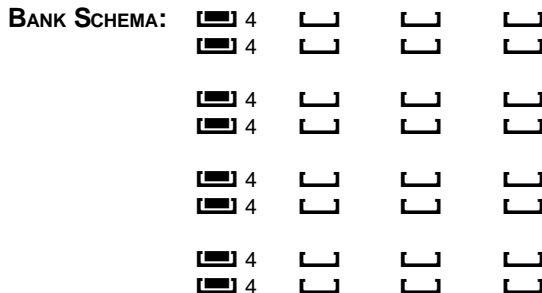


# DEC 3000 Alpha 500 AXP, 500S

**SYSTEM MEMORY FEATURES:** Standard Memory: 32MB (removable)  
 Maximum Memory: 1 GB  
 Expansion: 32 sockets (4 banks of 8) on four memory mother boards

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	32MB Kit	8	KTV3AXP/32	MS15-CA
	64MB Kit	8	KTV3AXP/64	MS15-DA
	128MB Kit	8	KTV3AXP/128	MS15-EA
	256MB Kit	8	KTV3AXP/256	MS15-FA

**COMMENTS:** The DEC 3000 AXP comes with 4 memory mother boards (MMBs). Modules must be installed eight at a time, two in each MMB, starting with the lowest numbered sockets.



**MEMORY UPGRADE PATH(S):**

<b>32MB</b>	<b>STD</b>	320MB	(1) KTV3AXP/256	544MB	(2) KTV3AXP/256
64MB	(1) KTV3AXP/32		(1) KTV3AXP/32	576MB	(2) KTV3AXP/256
96MB	(1) KTV3AXP/64	352MB	(1) KTV3AXP/256	(1) KTV3AXP/32	
128MB	(1) KTV3AXP/64		(1) KTV3AXP/64	608MB	(2) KTV3AXP/256
	(1) KTV3AXP/32	384MB	(1) KTV3AXP/256	(1) KTV3AXP/64	
160MB	(1) KTV3AXP/128		(1) KTV3AXP/64	672MB	(2) KTV3AXP/256
192MB	(1) KTV3AXP/128	416MB	(1) KTV3AXP/256	(1) KTV3AXP/128	
	(1) KTV3AXP/32		(1) KTV3AXP/128	800MB	(3) KTV3AXP/256
224MB	(1) KTV3AXP/128	448MB	(1) KTV3AXP/256	832MB**	(3) KTV3AXP/256
	(1) KTV3AXP/64		(1) KTV3AXP/128	(1) KTV3AXP/64	
256MB	(1) KTV3AXP/128		(1) KTV3AXP/32	896MB**	(3) KTV3AXP/256
	(1) KTV3AXP/64	480MB	(1) KTV3AXP/256	(1) KTV3AXP/128	
	(1) KTV3AXP/32		(1) KTV3AXP/128	1GB**	(4) KTV3AXP/256
288MB	(1) KTV3AXP/256		(1) KTV3AXP/64		

\*\* Requires replacement of all standard memory where indicated.

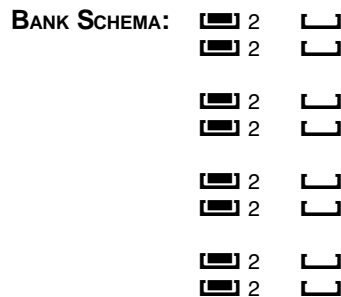
# DEC 3000 Alpha 400, 400S

**SYSTEM MEMORY FEATURES:** Standard Memory: 16MB (removable)  
 Maximum Memory: 512MB  
 Expansion: 16 sockets (2 banks of 8) on four memory mother boards

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	32MB Kit	8	KTV3AXP/32	MS15-CA
	64MB Kit	8	KTV3AXP/64	MS15-DA
	128MB Kit	8	KTV3AXP/128	MS15-EA
	256MB Kit	8	KTV3AXP/256	MS15-FA

**COMMENTS:** The DEC 3000 AXP comes with 4 memory mother boards (MMBs). Modules must be installed eight at a time, two in each MMB, starting with the lowest numbered sockets.

The basic system can be ordered with any configuration from 16MB to 128MB pre-installed.



**MEMORY UPGRADE PATH(S):**

<b>16MB</b>	<b>STD</b>	144MB	(1)	KTV3AXP/128	320MB**	(1)	KTV3AXP/256
48MB	(1)	KTV3AXP/32	192MB**	(1)	KTV3AXP/128	(1)	KTV3AXP/64
64MB**	(2)	KTV3AXP/32		(1)	KTV3AXP/64	384MB**	(1)
80MB	(1)	KTV3AXP/64	272MB	(1)	KTV3AXP/256	(1)	KTV3AXP/128
96MB**	(1)	KTV3AXP/64	288MB**	(1)	KTV3AXP/256	512MB**	(2)
	(1)	KTV3AXP/32		(1)	KTV3AXP/32		

\*\* Requires replacement of all standard memory where indicated.

# DEC 3000 Alpha AXP 300, 300L, 300X, 300LX

**SYSTEM MEMORY FEATURES:** Standard Memory: 32MB or 64MB (removable)  
 Maximum Memory: 256MB  
 Expansion: 8 sockets (4 banks of 2)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	16MB Kit	2	KTV-A300/16	MS16-BA
	64MB Kit*	2	KTV-A300/64	MS16-DA

\* Enhancement to or substitute for Mfr Part Number.



**MEMORY UPGRADE PATH(S):**

32MB Standard:

32MB	STD							
		96MB	(1)	KTV-A300/64	160MB	(2)	KTV-A300/64	
48MB	(1)	KTV-A300/16	112MB	(1)	KTV-A300/64	208MB*	(3)	KTV-A300/64
64MB	(2)	KTV-A300/16		(1)	KTV-A300/16	256MB**	(4)	KTV-A300/64

64MB Standard:

64MB	STD							
		128MB	(1)	KTV-A300/64	192MB	(2)	KTV-A300/64	
80MB	(1)	KTV-A300/16	144MB	(1)	KTV-A300/64	208MB	(2)	KTV-A300/64
96MB	(2)	KTV-A300/16		(1)	KTV-A300/16		(1)	KTV-A300/16
112MB	(3)	KTV-A300/16	160MB	(1)	KTV-A300/64	256MB	(3)	KTV-A300/64
				(2)	KTV-A300/16			

\* Requires partial replacement of standard memory where indicated.

\*\* Requires replacement of all standard memory where indicated.

# DEC 2000 Alpha AXP 300

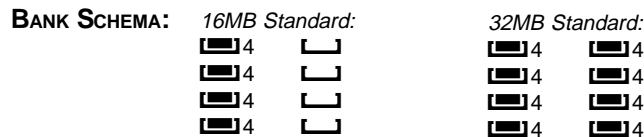
**SYSTEM MEMORY FEATURES:** Standard Memory: 16MB or 32MB (removable)  
Maximum Memory: 256MB  
Expansion: 8 sockets (2 banks of 4)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	16MB Kit*	4	KTV-A2000/16	PB2MA-BD
	64MB Kit*	4	KTV-A2000/64	PB2MA-BF
	128MB Kit*	4	KTV-A2000/128	(2) PC77M-AD

\* Enhancement to or substitute for Mfr Part Number.

**COMMENTS:** The 8 sockets are divided into 2 banks of 4.  
You must follow the following rules when installing memory options in these banks:

- \* Bank 0 must contain a memory option.
- \* A memory option consists of four memory SIMMs and they must be installed in all of the four sockets in that bank.
- \* Do not install different capacity of memory SIMMs in the same bank.



**MEMORY UPGRADE PATH(S):**

16MB Standard:

<b>16MB</b>	<b>STD</b>		144MB	(1)	KTV-A2000/128	256MB**	(2)	KTV-A2000/128
32MB	(1)	KTV-A2000/16	192MB**	(1)	KTV-A2000/128			
80MB	(1)	KTV-A2000/64		(1)	KTV-A2000/64			

32MB Standard:

<b>32MB</b>	<b>STD</b>		192MB**	(1)	KTV-A2000/128	256MB**	(2)	KTV-A2000/128
80MB*	(1)	KTV-A2000/64		(1)	KTV-A2000/64			
144MB*	(1)	KTV-A2000/128						

\* Requires partial replacement of standard memory where indicated.

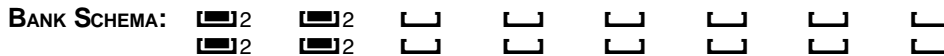
\*\* Requires replacement of all standard memory where indicated.

# DECstation 5000 133; DECsystem/station 5000 125, 120

**SYSTEM MEMORY FEATURES:** Standard Memory: 8MB (removable)  
 Maximum Memory: 32MB using 4MB kits;  
 128MB using 16MB kits  
 Expansion: 16 sockets (8 banks of 2)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	4MB Kit	2	KTV5000/4	MS01-AA
	16MB Kit	2	KTV5000/16	MS01-CA

**COMMENTS:** The 5000/100 series architecture does not allow 4MB and 16MB kits to be installed at the same time. This means that before installing 16MB kits, you must remove the standard memory.



**MEMORY UPGRADE PATH(S):**

Using 4MB kits:

8MB	STD						
		24MB	(4)	KTV5000/4	32MB	(6)	KTV5000/4
12MB	(1)	KTV5000/4	28MB	(5)	KTV5000/4		
16MB	(2)	KTV5000/4					
20MB	(3)	KTV5000/4					

Using 16MB kits:

8MB	STD						
		64MB**	(4)	KTV5000/16	112MB**	(7)	KTV5000/16
16MB**	(1)	KTV5000/16	80MB**	(5)	KTV5000/16	128MB**	(8)
32MB**	(2)	KTV5000/16	96MB**	(6)	KTV5000/16		
48MB**	(3)	KTV5000/16					

\*\* Requires replacement of all standard memory where indicated.

# DECstation 3100, 2100

**SYSTEM MEMORY FEATURES:** Standard Memory: 4MB (removable)  
 Maximum Memory: 24MB  
 Expansion: 12 sockets (6 banks of 2)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	4MB Kit	2	KTV5000/4	MS01-AA



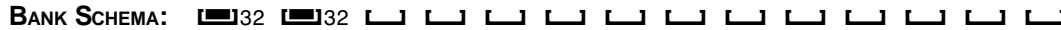
**MEMORY UPGRADE PATH(S):**

4MB	STD						
		12MB	(2)	KTV5000/4	20MB	(4)	KTV5000/4
8MB	(1)	KTV5000/4	16MB	(3)	KTV5000/4	24MB	(5)

# DECsystem 5900

**SYSTEM MEMORY FEATURES:** Standard Memory: 64MB (removable)  
 Maximum Memory: 448MB  
 Expansion: 14 sockets

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	32MB Module	1	KTV5000/32	MS02-CA



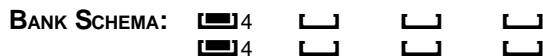
**MEMORY UPGRADE PATH(S):**

<b>64MB</b>	<b>STD</b>	224MB	(5)	KTV5000/32	352MB	(9)	KTV5000/32	
96MB	(1)	KTV5000/32	256MB	(6)	KTV5000/32	384MB	(10)	KTV5000/32
128MB	(2)	KTV5000/32	288MB	(7)	KTV5000/32	416MB	(11)	KTV5000/32
160MB	(3)	KTV5000/32	320MB	(8)	KTV5000/32	448MB	(12)	KTV5000/32
192MB	(4)	KTV5000/32						

# DECsystem 5100

**SYSTEM MEMORY FEATURES:** Standard Memory: 8MB (removable)  
 Maximum Memory: 128MB  
 Expansion: 8 sockets (4 banks of 2)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	8MB Kit	2	KTV5100/8	MS44-BA
	32MB Kit	2	KTV5100/32	MS44-DA



**MEMORY UPGRADE PATH(S):**

<b>8MB</b>	<b>STD</b>	40MB	(1)	KTV5100/32	72MB	(2)	KTV5100/32	
16MB	(1)	KTV5100/8	48MB	(1)	KTV5100/32	80MB	(2)	KTV5100/32
24MB	(2)	KTV5100/8		(1)	KTV5100/8		(1)	KTV5100/8
32MB	(3)	KTV5100/8	56MB	(1)	KTV5100/32	104MB	(3)	KTV5100/32
				(2)	KTV5100/8	128MB**	(4)	KTV5100/32

\*\* Requires replacement of all standard memory where indicated.

# DECsystem 5000 260, 240, 200

**SYSTEM MEMORY FEATURES:** Standard Memory: 8MB (removable)  
 Maximum Memory: 120MB using 8MB modules;  
 480MB using 32MB modules  
 Expansion: 15 sockets

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	8MB Module	1	KTV5000/8	MS02-AA, MS02L-AB
	32MB Module	1	KTV5000/32	MS02-CA

**COMMENTS:** Only one 8MB module may be left on the board when you begin expanding with 32MB modules, and it must be moved to the last socket.



**MEMORY UPGRADE PATH(S):**

Using 8MB modules:

8MB	STD	56MB	(6)	KTV5000/8	104MB	(12)	KTV5000/8
16MB	(1) KTV5000/8	64MB	(7)	KTV5000/8	112MB	(13)	KTV5000/8
24MB	(2) KTV5000/8	72MB	(8)	KTV5000/8	120MB	(14)	KTV5000/8
32MB	(3) KTV5000/8	80MB	(9)	KTV5000/8			
40MB	(4) KTV5000/8	88MB	(10)	KTV5000/8			
48MB	(5) KTV5000/8	96MB	(11)	KTV5000/8			

Using 32MB modules:

8MB	STD	200MB	(6)	KTV5000/32	392MB	(12)	KTV5000/32
40MB	(1) KTV5000/32	232MB	(7)	KTV5000/32	424MB	(13)	KTV5000/32
72MB	(2) KTV5000/32	264MB	(8)	KTV5000/32	456MB	(14)	KTV5000/32
104MB	(3) KTV5000/32	296MB	(9)	KTV5000/32	480MB**	(15)	KTV5000/32
136MB	(4) KTV5000/32	328MB	(10)	KTV5000/32			
168MB	(5) KTV5000/32	360MB	(11)	KTV5000/32			

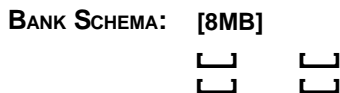
\*\* Requires replacement of all standard memory where indicated.

# DECsystem 5000 25; Personal DECstation 5000 20, 25

**SYSTEM MEMORY FEATURES:** Standard Memory: 8MB (non-removable)  
 Maximum Memory: 16MB using 4MB kits;  
 40MB using 16MB kits  
 Expansion: 4 sockets (2 banks of 2)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	4MB Kit	2	KTV5000/4	MS01-AA
	16MB Kit	2	KTV5000/16	MS01-CA

**COMMENTS:** When upgrading, you cannot install a 4MB kit in one bank and a 16MB kit in the other bank.



**MEMORY UPGRADE PATH(S):**

Using 4MB kit(s):

8MB	STD	12MB	(1)	KTV5000/4	16MB	(2)	KTV5000/4

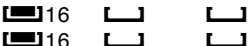
Using 16MB kit(s):

8MB	STD	24MB	(1)	KTV5000/16	40MB	(2)	KTV5000/16

## Personal Workstation Model 600au, 600au, 500au, 500a, 433au, 433a

**SYSTEM MEMORY FEATURES:** Standard Memory: 32MB (removable)  
 Maximum Memory: 384MB with current Kingston products  
 1.5GB with release of 512MB kit  
 Expansion: 6 sockets (3 banks of 2)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	64MB Kit	2	KTV-APW/64	SN-MSP01-HC
	128MB Kit	2	KTV-APW/128	SN-MSP01-HD

**BANK SCHEMA:** 

### MEMORY UPGRADE PATH(S):


32MB	STD	192MB	(1)	KTV-APW/128	320MB**	(2)	KTV-APW/128
96MB	(1)	KTV-APW/64	(1)	KTV-APW/64	(1)	KTV-APW/64	
160MB	(1)	KTV-APW/128	(2)	KTV-APW/128	384MB**	(3)	KTV-APW/128

\*\*Requires replacement of all standard memory where indicated.

## Personal Workstation Model 266i2, 266i

**SYSTEM MEMORY FEATURES:** Standard Memory: 64MB (removable)  
 Maximum Memory: 256MB  
 Expansion: 8 sockets (4 banks of 2)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	32MB Kit	2	KTV266/32	SN-PCCAM-EB
	64MB Kit	2	KTV266/64	SN-PCCAM-EC

**BANK SCHEMA:** 

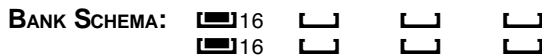
**MEMORY UPGRADE PATH(S):** Any combination of Kingston's 32 and 64MB kits can be installed to reach configurations up to 256MB.



# Personal Workstation Model 200i2, 200i, 1880i

**SYSTEM MEMORY FEATURES:** Standard Memory: 32MB (removable)  
 Maximum Memory: 256MB with current Kingston products  
 512B with release of 128MB kit  
 Expansion: 8 sockets (4 banks of 2)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	8MB Kit	2	KTV-ECAM/8	FR-PCCAM-BD
	16MB Kit	2	KTV-ECAM/16	FR-PCCAM-BA
	32MB Kit	2	KTV-ECAM/32	FR-PCCAM-BB
	64MB Kit	2	KTV-ECAM/64	FR-PCCAM-BC



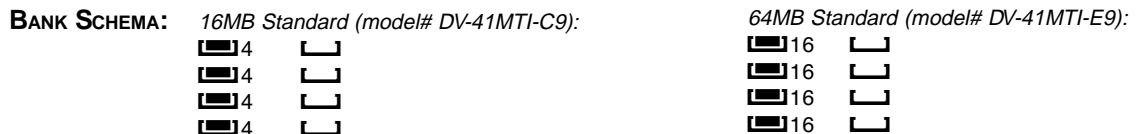
**MEMORY UPGRADE PATH(S):** Any combination of Kingston's 8, 16, 32 and 64MB kits can be installed to reach configurations up to 256MB

# VAXstation 4000 Model 100

**SYSTEM MEMORY FEATURES:** Standard Memory: 16MB (removable) on model# DV-41MTI-C9, or;  
 64MB (removable) on model# DV-41MTI-E9.  
 Maximum Memory: 80MB on model# DV-41MTI-C9, or;  
 128MB on model# DV-41MTI-E9.  
 Expansion: 8 sockets (2 banks of 4)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	16MB Kit	4	KTV4000/16	MS44L-BC
	64MB Kit	4	KTV4000/64	MS44-DC

**COMMENTS:** Although it is physically possible to install more memory in model # DV-41 MTI-C9, the system will only recognize 80MB maximum.



**MEMORY UPGRADE PATH(S):**

16MB Standard (model# DV-41MTI-C9):

<b>16MB</b>	<b>STD</b>	80MB	(1)	KTV4000/64
32MB	(1)	KTV4000/16		

64MB Standard (model# DV-41MTI-E9):

<b>64MB</b>	<b>STD</b>	128MB	(1)	KTV4000/64
80MB	(1)	KTV4000/16		

## VAXstation 4000 Model 90

**SYSTEM MEMORY FEATURES:** Standard Memory: 16MB (removable)  
Maximum Memory: 128MB  
Expansion: 8 sockets (2 banks of 4)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	16MB Kit	4	KTV4000/16	MS44L-BC
	64MB Kit	4	KTV4000/64	MS44-DC

**COMMENTS:** The 16MB and 64MB kits may coexist in the system.

**BANK SCHEMA:**

**MEMORY UPGRADE PATH(S):**

<b>16MB</b>	<b>STD</b>	80MB	(1)	KTV4000/64
32MB	(1) KTV4000/16	128MB**	(2)	KTV4000/64

\*\* Requires replacement of all standard memory where indicated.

## VAXstation 4000 Model 60

**SYSTEM MEMORY FEATURES:** Standard Memory: 8MB (non-removable)  
Maximum Memory: 104MB  
Expansion: 6 sockets (3 banks of 2)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	8MB Kit	2	KTV5100/8	MS44-BA
	32MB Kit	2	KTV5100/32	MS44-DA

**BANK SCHEMA:** [8MB]

**MEMORY UPGRADE PATH(S):**

<b>8MB</b>	<b>STD</b>	40MB	(1)	KTV5100/32	72MB	(2)	KTV5100/32
16MB	(1) KTV5100/8	48MB	(1)	KTV5100/32	80MB	(2)	KTV5100/32
24MB	(2) KTV5100/8		(1)	KTV5100/8		(1)	KTV5100/8
32MB	(3) KTV5100/8	56MB	(1)	KTV5100/32	104MB	(3)	KTV5100/32
			(2)	KTV5100/8			

# VAXstation 4000 VLC

**SYSTEM MEMORY FEATURES:** Standard Memory: 8MB (removable)  
 Maximum Memory: 24MB  
 Expansion: 6 sockets (3 banks of 2)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	8MB Kit	2	KTV4000/VLC	MS40-BA



**MEMORY UPGRADE PATH(S):**

8MB	STD	16MB	(1)	KTV4000/VLC	24MB	(2)	KTV4000/VLC
-----	-----	------	-----	-------------	------	-----	-------------

# VAXstation 3100 Model 76

**SYSTEM MEMORY FEATURES:** Standard Memory: 8MB (removable)  
 Maximum Memory: 32MB  
 Expansion: 8 sockets

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	4MB Module	1	KTV3176/4	MS44-AA



**MEMORY UPGRADE PATH(S):**

8MB	STD	20MB	(3)	KTV3176/4	28MB	(5)	KTV3176/4	
12MB	(1)	KTV3176/4	24MB	(4)	KTV3176/4	32MB	(6)	KTV3176/4
16MB	(2)	KTV3176/4						

# VXT 2000

**SYSTEM MEMORY FEATURES:** Standard Memory: 4MB (removable)  
 Maximum Memory: 16MB  
 Expansion: 4 sockets

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	4MB Module	1	KTV-XT2000/4	MS200-BA

**COMMENTS:** VXT 2000 terminals using host media require a minimum of 10MB of memory.



**MEMORY UPGRADE PATH(S):**

4MB	STD	12MB	(2)	KTV-XT2000/4	
8MB	(1)	KTV-XT2000/4	16MB	(3)	KTV-XT2000/4

# Tower Models

## AlphaServer 2000 5/250, 4/275, 4/233, 4/200

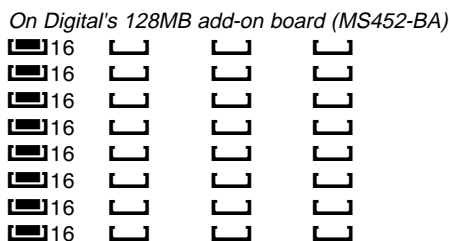
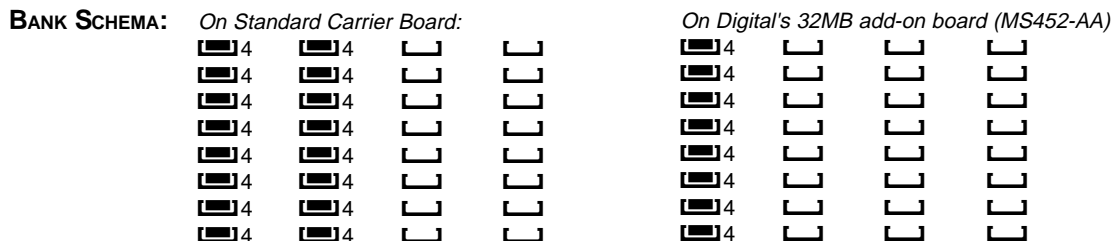
**SYSTEM MEMORY FEATURES:** Standard Memory: 64MB (removable)  
 Maximum Memory: 128MB on standard carrier board;  
 640MB w/ additional brd (MS452-BA)  
 Expansion: 32 sockets (4 banks of 8) on each carrier board

KINGSTON MEMORY PRODUCTS:	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	32MB Kit	8	KTV452/32	MS452-UA
	128MB Kit	8	KTV452/128	MS452-UB

**COMMENTS:** Digital's carrier boards either accept 4MB modules or 16MB modules in kits of eight. You can not combine kits of different capacities on one board.

The board that comes with the system accepts 4MB modules and can reach 128MB maximum using Kingston's 32MB kits (KTV452/32).

Once this board is filled, you may purchase another board from Digital. Digital's MS452-AA board accepts Kingston's 32MB kits and can take the system to a maximum of 256MB. Digital's MS452-BA board accepts Kingston's 128MB kits and can take the system to a maximum of 640MB.



**MEMORY UPGRADE PATH(S):**

64MB	STD	96MB	(1) KTV452/32	128MB	(2) KTV452/32
------	-----	------	---------------	-------	---------------

Beyond 128MB add one of Digital's carrier boards. Digital's MS452-AA will take the system up to 256MB, and Digital's MS452-BA will take the system up to 640MB.

Using MS452-AA in addition to carrier board:

160MB	(2) KTV452/32 (1) DEC MS452-AA	192MB	(3) KTV452/32 (1) DEC MS452-AA	256MB	(5) KTV452/32 (1) DEC MS452-AA
-------	-----------------------------------	-------	-----------------------------------	-------	-----------------------------------

Using MS452-BA in addition to carrier board:

256MB	(2) KTV452/32 (1) DEC MS452-BA	384MB	(2) KTV452/32 (1) KTV452/128 (1) DEC MS452-BA	640MB	(2) KTV452/32 (3) KTV452/128 (1) DEC MS452-BA
-------	-----------------------------------	-------	---	-------	---

## AlphaServer 1000A 5/500, 5/400, 5/333, 5/300

**SYSTEM MEMORY FEATURES:** Standard Memory: 64MB (removable)  
Maximum Memory: 1GB  
Expansion: 16 sockets (4 banks of 4)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	32MB Kit	4	KTV-MACB/32	PB7MA-CB
	64MB Kit	4	KTV-MACB/64	PB7MA-CC
	128MB Kit	4	KTV-MACB/128	PB7MA-CD
	256MB Kit	4	KTV-MACB/256	PB7MA-CE

**BANK SCHEMA:**

**MEMORY UPGRADE PATH(S):** Any combination of Kingston's 32, 64, 128 and 256MB kits can be installed to reach configuration up 1GB.

## AlphaServer 1000A 4/266; 1000 4/266

**SYSTEM MEMORY FEATURES:** Standard Memory: 64MB (removable)  
Maximum Memory: 1GB  
Expansion: 20 sockets (4 banks of 5)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	16MB Kit*	5	KTV7MA/16	PB7MA-AA
	32MB Kit*	5	KTV7MA/32	PB7MA-AB
	64MB Kit*	5	KTV7MA/64	PB7MA-AC
	128MB Kit*	5	KTV7MA/128	PB7MA-AD
	256MB Kit*	5	KTV7MA/256	PB7MA-AE

\* Enhancement to or substitute for Mfr Part Number.

**COMMENTS:** The 5th memory module in each kit is used to support the ECC function of the other four modules, and is NOT counted as part of the total memory capacity.

**BANK SCHEMA:**

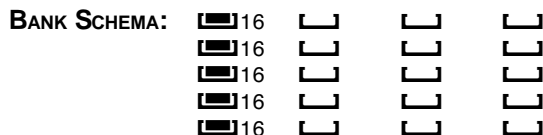
**MEMORY UPGRADE PATH(S):** Any combination of Kingston's 16, 32, 64, 128 and 256MB kits can be installed to reach configuration up 1GB.

# AlphaServer 1000 4/233, 4/200

**SYSTEM MEMORY FEATURES:** Standard Memory: 64MB (removable)  
 Maximum Memory: 512MB  
 Expansion: 20 sockets (4 banks of 5)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	16MB Kit	5	KTV7MA/16	PB7MA-AA
	32MB Kit	5	KTV7MA/32	PB7MA-AB
	64MB Kit	5	KTV7MA/64	PB7MA-AC
	128MB Kit	5	KTV7MA/128	PB7MA-AD

**COMMENTS:** The 5th memory module in each kit is used to support the ECC function of the other four modules, and is NOT counted as part of the total memory capacity.



**MEMORY UPGRADE PATH(S):**

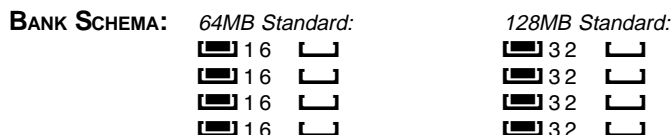
<b>64MB</b>	<b>STD</b>	192MB	(1)	KTV7MA/128	288MB	(1)	KTV7MA/128
80MB	(1) KTV7MA/16	208MB	(1)	KTV7MA/128		(1)	KTV7MA/64
96MB	(1) KTV7MA/32		(1)	KTV7MA/16		(1)	KTV7MA/32
112MB	(1) KTV7MA/32	224MB	(1)	KTV7MA/128	320MB	(2)	KTV7MA/128
	(1) KTV7MA/16		(1)	KTV7MA/32	336MB	(2)	KTV7MA/128
128MB	(1) KTV7MA/64	240MB	(1)	KTV7MA/128		(1)	KTV7MA/16
144MB	(1) KTV7MA/64		(1)	KTV7MA/32	352MB	(2)	KTV7MA/128
	(1) KTV7MA/16		(1)	KTV7MA/16		(1)	KTV7MA/32
160MB	(1) KTV7MA/64	256MB	(1)	KTV7MA/128	384MB	(2)	KTV7MA/128
	(1) KTV7MA/32		(1)	KTV7MA/64		(1)	KTV7MA/64
176MB	(1) KTV7MA/64	272MB	(1)	KTV7MA/128	448MB	(3)	KTV7MA/128
	(1) KTV7MA/32		(1)	KTV7MA/64	512MB**	(4)	KTV7MA/128
	(1) KTV7MA/16		(1)	KTV7MA/16			

\*\* Requires replacement of all standard memory where indicated.

# AlphaServer 800 5/500, 5/400, 5/333

**SYSTEM MEMORY FEATURES:** Standard Memory: 64MB or 128MB (removable)  
 Maximum Memory: 2GB  
 Expansion: 8 sockets (2 banks of 4)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	64MB Kit	4	KTV-A800/64	PB8MA-AC
	128MB Kit	4	KTV-A800/128	PB8MA-AD
	256MB Kit	4	KTV-A800/256	PB8MA-AE
	512MB Kit	4	KTV-A800/512	PB8MA-AF
	1GB Kit	4	KTV-A800/1024	PB8MA-AG

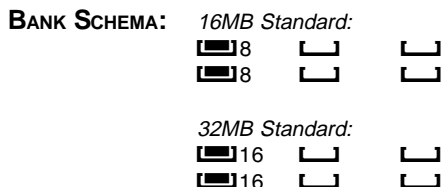


**MEMORY UPGRADE PATH(S):** Any combination of Kingston's 64, 128, 256, 512, and 1GB kits can be installed to reach configurations up to 2GB.

# Celebris GL 6200, 6180

**SYSTEM MEMORY FEATURES:** Standard Memory: 16MB or 32MB (removable)  
 Maximum Memory: 192MB  
 Expansion: 6 sockets (3 banks of 2)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	8MB Kit	2	KTV-ECAM/8	FR-PCCAM-BD
	16MB Kit	2	KTV-ECAM/16	FR-PCCAM-BA
	32MB Kit	2	KTV-ECAM/32	FR-PCCAM-BB
	64MB Kit	2	KTV-ECAM/64	FR-PCCAM-BC



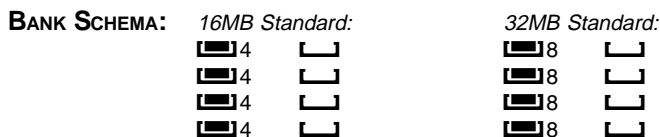
**MEMORY UPGRADE PATH:** Any combination of Kingston's 8, 16, 32, and 64MB kits can be installed to reach configurations up to 192MB.

# Celebris XL 6200, 6180, 6150

**SYSTEM MEMORY FEATURES:** Standard Memory: 16MB or 32MB (removable)  
 Maximum Memory: 512MB  
 Expansion: 8 sockets (2 banks of 4)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	8MB Kit	2	KTV-TAM/8	FR-PC77M-AA, PCTAM-CD, MSP01-AA
	16MB Kit	2	KTV-TAM/16	FR-PC77M-AB, PCTAM-CE, MSP01-AB
	32MB Kit	2	KTV-TAM/32	FR-PC77M-AC, PCTAM-DF, MSP01-AC
	64MB Kit	2	KTV-TAM/64	FR-PC77M-AD, MSP01-AD
	128MB Kit	2	KTV-TAM/128	FR-PC77M-AJ, MSP01-AE

**COMMENTS:** KITS MAY BE INSTALLED ONE AT A TIME; however, they must be added in like pairs to take advantage of memory interleaving.



**MEMORY UPGRADE PATH:** Any combination of Kingston's 8, 16, 32, 64, and 128MB kits can be installed to reach configurations up to 512MB.

## Celebris XL 5166, 5150, 5133, 5120, 5100, 590


**SYSTEM MEMORY FEATURES:** Standard Memory: 8MB or 16MB (removable)  
Maximum Memory: 192MB  
Expansion: 6 sockets (3 banks of 2)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	8MB Kit	2	KTV-TAM/8	FR-PC77M-AA,PCTAM-CD
	16MB Kit	2	KTV-TAM/16	FR-PC77M-AB,PCTAM-CE
	32MB Kit	2	KTV-TAM/32	FR-PC77M-AC,PCTAM-DF
	64MB Kit	2	KTV-TAM/64	FR-PC77M-AD
	4MB Module	1	KTV-LP/4	FR-PC74M-AA
	16MB Module	1	KTV-LP/16	FR-PC74M-AB


**COMMENTS:** KTV-LP/4 and KTV-LP/16 are single modules and **MUST BE ORDERED AND INSTALLED IN PAIRS.**

**BANK SCHEMA:**

*8MB Standard:*



*16MB Standard:*



**MEMORY UPGRADE PATH(S):**

8MB Standard:

<b>8MB</b>	<b>STD</b>							
		56MB	(1)	KTV-TAM/32	88MB	(1)	KTV-TAM/64	
16MB	(1) KTV-TAM/8		(1)	KTV-TAM/16		(1)	KTV-TAM/16	
24MB	(1) KTV-TAM/16	72MB	(1)	KTV-TAM/64	104MB	(1)	KTV-TAM/64	
40MB	(1) KTV-TAM/32	80MB	(1)	KTV-TAM/64		(1)	KTV-TAM/32	
48MB	(1) KTV-TAM/32		(1)	KTV-TAM/8	136MB	(2)	KTV-TAM/64	
	(1) KTV-TAM/8				192MB**	(3)	KTV-TAM/64	

16MB Standard:

<b>16MB</b>	<b>STD</b>							
		64MB	(1)	KTV-TAM/32	112MB	(1)	KTV-TAM/64	
24MB	(1) KTV-TAM/8		(1)	KTV-TAM/16		(1)	KTV-TAM/32	
32MB	(1) KTV-TAM/16	80MB	(1)	KTV-TAM/64	144MB	(2)	KTV-TAM/64	
48MB	(1) KTV-TAM/32	88MB	(1)	KTV-TAM/64	192MB**	(3)	KTV-TAM/64	
56MB	(1) KTV-TAM/32		(1)	KTV-TAM/8				
	(1) KTV-TAM/8	96MB	(1)	KTV-TAM/64				
			(1)	KTV-TAM/16				

\*\* Requires replacement of all standard memory where indicated.


## Celebris Alpha XL 366, 300

**SYSTEM MEMORY FEATURES:** Standard Memory: 32MB (removable)  
Maximum Memory: 512MB  
Expansion: 8 sockets (2 banks of 4)


<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	32MB Kit	4	KTV-PZX/32	FR-PC77M-AS, MSP01-BA, FR-PC77M-AK
	64MB Kit	4	KTV-PZX/64	FR-PC77M-AL
	128MB Kit	4	KTV-PZX/128	FR-PC77-AT, FR-PC77M-AM
	256MB Kit	4	KTV-PZX/256	N/A

**BANK SCHEMA:**

*16MB Standard:*



*32MB Standard:*



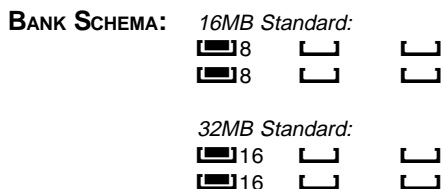
**MEMORY UPGRADE PATH** Any combination of Kingston's 8, 16, 32, and 64MB kits can be installed to reach configurations up to 512MB.



# Celebris Alpha XL 266, 200

**SYSTEM MEMORY FEATURES:** Standard Memory: 16 or 32MB (removable)  
 Maximum Memory: 384MB  
 Expansion: 6 sockets (3 banks of 2)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	8MB Kit	2	KTV-TAM/8	FR-PC77M-AA,PCTAM-CD
	16MB Kit	2	KTV-TAM/16	FR-PC77M-AB,PCTAM-CE
	32MB Kit	2	KTV-TAM/32	FR-PC77M-AC,PCTAM-DF
	64MB Kit	2	KTV-TAM/64	FR-PC77M-AD
	128MB Kit	2	KTV-TAM/128	FR-PC77M-AJ



**MEMORY UPGRADE PATH** Any combination of Kingston's 8, 16, 32, 64 and 128MB kits can be installed to reach configurations up to 384MB.

# DECpc MTE 466d2, 433dx, 4100; Prioris MTE 466d2, 4100

**SYSTEM MEMORY FEATURES:** Standard Memory: 8MB (removable)  
 Maximum Memory: 64MB with current BIOS;  
 128MB in the future  
 Expansion: 4 sockets

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	4MB Module	1	KTV-LP/4	FR-PC74M-AA
	16MB Module	1	KTV-LP/16	FR-PC74M-AB

**COMMENTS:** Although it may be possible in the future to install 128MB, the current system will only recognize 64MB maximum.



**MEMORY UPGRADE PATH(S):**

8MB	STD	24MB	(1)	KTV-LP/16	52MB*	(3)	KTV-LP/16
12MB	(1) KTV-LP/4	28MB	(1)	KTV-LP/16	64MB**	(4)	KTV-LP/16
16MB	(2) KTV-LP/4	40MB	(2)	KTV-LP/16			

\* Requires partial replacement of standard memory where indicated.  
 \*\* Requires replacement of all standard memory where indicated.

# DECpc MT 466d2, 450d2, 433dx

**SYSTEM MEMORY** Standard Memory: 4MB or 8MB (removable)  
**FEATURES:** Maximum Memory: 64MB  
 Expansion: 4 sockets

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	4MB Module	1	KTV-LP/4	FR-PC74M-AA
	16MB Module	1	KTV-LP/16	FR-PC74M-AB

**COMMENTS:** When mixing 4MB and 16MB modules, the system will only recognize the 16MB module in the third socket with 4MB in the first two sockets (the fourth socket must be empty). Please refer to your 'Users Manual'.

**BANK SCHEMA:** 4MB Standard:  8MB Standard: 

## MEMORY UPGRADE PATH(S):

4MB Standard:

<b>4MB</b>	<b>STD</b>	20MB	(1)	KTV-LP/16	40MB	(2)	KTV-LP/16
8MB	(1) KTV-LP/4	24MB	(1)	KTV-LP/16		(1)	KTV-LP/4
12MB	(2) KTV-LP/4		(1)	KTV-LP/4	52MB	(3)	KTV-LP/16
16MB	(3) KTV-LP/4	28MB	(1)	KTV-LP/16	64MB**	(4)	KTV-LP/16
			(2)	KTV-LP/4			
		36MB	(2)	KTV-LP/16			

8MB Standard:

<b>8MB</b>	<b>STD</b>	28MB	(1)	KTV-LP/16	64MB**	(4)	KTV-LP/16
12MB	(1) KTV-LP/4		(1)	KTV-LP/4			
16MB	(2) KTV-LP/4	40MB	(2)	KTV-LP/16			
24MB	(1) KTV-LP/16	52MB*	(3)	KTV-LP/16			

\*Requires partial replacement of standard memory where indicated.

\*\* Requires replacement of all standard memory where indicated.

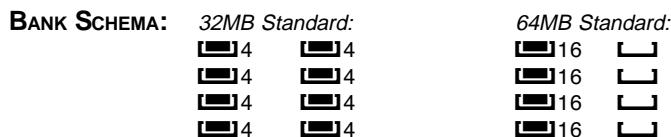
# DEC 2000 Model 500 AXP Server

**SYSTEM MEMORY FEATURES:** Standard Memory: 32MB or 64MB (removable)  
 Maximum Memory: 128MB  
 Expansion: 8 sockets (2 banks of 4)

**KINGSTON MEMORY PRODUCTS:**

Product Description:	# pieces:	Kingston Part Number:	Mfr Part Number:
16MB Kit*	4	KTV-A2000/16	PB2MA-BD
64MB Kit*	4	KTV-A2000/64	PB2MA-BF

\* Enhancement to or substitute for Mfr Part Number.



**MEMORY UPGRADE PATH(S):**

32MB Standard:				
<b>32MB</b>	<b>STD</b>	128MB**	(2)	KTV-A2000/64
80MB*	(1)	KTV-A2000/64		

64MB Standard:				
<b>64MB</b>	<b>STD</b>	128MB	(1)	KTV-A2000/64
80MB	(1)	KTV-A2000/16		

\* Requires partial replacement of standard memory where indicated.

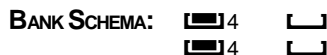
\*\* Requires replacement of all standard memory where indicated.

# DECpc 560ST

**SYSTEM MEMORY FEATURES:** Standard Memory: 8MB (removable)  
 Maximum Memory: 64MB on the system board;  
 128MB w/ DEC adpt brd. = 192MB total  
 Expansion: 4 sockets (2 banks of 2);  
 8 sockets (4 banks of 2) on DEC exp. brd. (FR-PCTXM-AA)

**KINGSTON MEMORY PRODUCTS:**

Product Description:	# pieces:	Kingston Part Number:	Mfr Part Number:
8MB Kit	2	KTV-TAM/8	FR-PC77M-AA,PCTAM-CD
16MB Kit	2	KTV-TAM/16	FR-PC77M-AB,PCTAM-CE
32MB Kit	2	KTV-TAM/32	FR-PC77M-AC,PCTAM-DF



DEC's expansion board (p/n FR-PCTXM-AA) :




**MEMORY UPGRADE PATH(S):** Any combination of Kingston's 8, 16, and 32MB kits can be installed to reach configurations up to 64MB on the system board and 128MB on the DEC adapter board (FR-PCTXM-AA) for a system total of 192MB.

## DECpc XL Server 590; Prioris XL 5200/DP, 5166/DP, 5133, 5133DP, 5100, 5100DP, 590, 590DP, 575

**SYSTEM MEMORY FEATURES:** Standard Memory: 16MB (removable)  
Maximum Memory: 512MB  
Expansion: 8 sockets (4 banks of 2)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	8MB Kit	2	KTV-TAM/8	FR-PC77M-AA,PCTAM-CD
	16MB Kit	2	KTV-TAM/16	FR-PC77M-AB,PCTAM-CE
	32MB Kit	2	KTV-TAM/32	FR-PC77M-AC,PCTAM-DF
	64MB Kit	2	KTV-TAM/64	FR-PC77M-AD
	128MB Kit	2	KTV-TAM/128	FR-PC77M-AJ, MSP01-AE

**BANK SCHEMA:** 

**MEMORY UPGRADE PATH(S):** Any combination of Kingston's 8, 16, 32, 64, and 128MB kits can be installed to reach configurations up to 512MB.


## DECpc XL Server 566, 560; Prioris LX 590, 575; Prioris XL Server 566, 560

**SYSTEM MEMORY FEATURES:** Standard Memory: 16MB (removable)  
Maximum Memory: 192MB  
Expansion: 8 sockets (4 banks of 2)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	8MB Kit	2	KTV-TAM/8	FR-PC77M-AA,PCTAM-CD
	16MB Kit	2	KTV-TAM/16	FR-PC77M-AB,PCTAM-CE
	32MB Kit	2	KTV-TAM/32	FR-PC77M-AC,PCTAM-DF
	64MB Kit	2	KTV-TAM/64	FR-PC77M-AD

**COMMENTS:** Although it is physically possible to install more memory, the system will only recognize 192MB maximum.

It is not mandatory to remove all of the standard memory to achieve the maximum, however, if it is left in, the system will not address it.

**BANK SCHEMA:** 

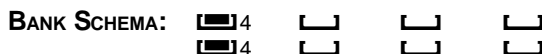
**MEMORY UPGRADE PATH(S):** Any combination of Kingston's 8, 16, 32, and 64MB kits can be installed to reach configurations up to 192MB.

# DECpc XL Server 4100, 466; Prioris XL Server 466

**SYSTEM MEMORY FEATURES:** Standard Memory: 8MB (removable)  
Maximum Memory: 128MB  
Expansion: 8 sockets (4 banks of 2)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	8MB Kit	2	KTV-TAM/8	FR-PC77M-AA,PCTAM-CD
	16MB Kit	2	KTV-TAM/16	FR-PC77M-AB,PCTAM-CE
	32MB Kit	2	KTV-TAM/32	FR-PC77M-AC,PCTAM-DF
	64MB Kit	2	KTV-TAM/64	FR-PC77M-AD

**COMMENTS:** Although it is physically possible to install more memory, the system will only recognize 128MB maximum.  
  
It is not mandatory to remove all of the standard memory to achieve the maximum, however, if left in, the system will not address it.



**MEMORY UPGRADE PATH(S):**

<b>8MB</b>	<b>STD</b>	64MB	(1)	KTV-TAM/8	104MB	(1)	KTV-TAM/32
16MB	(1) KTV-TAM/8		(1)	KTV-TAM/16		(1)	KTV-TAM/64
24MB	(1) KTV-TAM/16		(1)	KTV-TAM/32	112MB	(1)	KTV-TAM/8
32MB	(1) KTV-TAM/8	72MB	(1)	KTV-TAM/64		(1)	KTV-TAM/32
	(1) KTV-TAM/16	80MB	(1)	KTV-TAM/8		(1)	KTV-TAM/64
40MB	(1) KTV-TAM/32		(1)	KTV-TAM/64	120MB	(1)	KTV-TAM/16
48MB	(1) KTV-TAM/8	88MB	(1)	KTV-TAM/16		(1)	KTV-TAM/32
	(1) KTV-TAM/32		(1)	KTV-TAM/64		(1)	KTV-TAM/64
56MB	(1) KTV-TAM/16	96MB	(1)	KTV-TAM/8	128MB**	(2)	KTV-TAM/64
	(1) KTV-TAM/32		(1)	KTV-TAM/16			
			(1)	KTV-TAM/64			

\*\* Requires replacement of all standard memory where indicated.

## DECpc XL 590, 566, 560

**SYSTEM MEMORY FEATURES:** Standard Memory: 8MB (removable)  
Maximum Memory: 192MB  
Expansion: 6 sockets (3 banks of 2)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	8MB Kit	2	KTV-TAM/8	FR-PC77M-AA,PCTAM-CD
	16MB Kit	2	KTV-TAM/16	FR-PC77M-AB,PCTAM-CE
	32MB Kit	2	KTV-TAM/32	FR-PC77M-AC,PCTAM-DF
	64MB Kit	2	KTV-TAM/64	FR-PC77M-AD

**BANK SCHEMA:** 

### MEMORY UPGRADE PATH(S):

8MB	STD							
		72MB	(1)	KTV-TAM/64	160MB**	(2)	KTV-TAM/64	
16MB	(1)	KTV-TAM/8	80MB	(1)	KTV-TAM/64	(1)	KTV-TAM/32	
24MB	(1)	KTV-TAM/16		(1)	KTV-TAM/8	192MB**	(3)	KTV-TAM/64
32MB	(1)	KTV-TAM/16	88MB	(1)	KTV-TAM/64			
	(1)	KTV-TAM/8		(1)	KTV-TAM/16			
40MB	(1)	KTV-TAM/32	104MB	(1)	KTV-TAM/64			
48MB	(1)	KTV-TAM/32		(1)	KTV-TAM/32			
	(1)	KTV-TAM/8	136MB	(2)	KTV-TAM/64			
56MB	(1)	KTV-TAM/32	144MB**	(2)	KTV-TAM/64			
	(1)	KTV-TAM/16		(1)	KTV-TAM/16			

\*\* Requires replacement of all standard memory where indicated.

## DECpc XL 4100, 433dx, 466d2

**SYSTEM MEMORY FEATURES:** Standard Memory: 8MB (removable)  
Maximum Memory: 128MB  
Expansion: 6 sockets (3 banks of 2) - but only 4 are addressable

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	8MB Kit	2	KTV-TAM/8	FR-PC77M-AA,PCTAM-CD
	16MB Kit	2	KTV-TAM/16	FR-PC77M-AB,PCTAM-CE
	32MB Kit	2	KTV-TAM/32	FR-PC77M-AC,PCTAM-DF
	64MB Kit	2	KTV-TAM/64	FR-PC77M-AD

**COMMENTS:** Although it is physically possible to install more memory, the 486 systems will only address the first two banks (four sockets), and therefore will only read 128MB maximum.

**BANK SCHEMA:** 

### MEMORY UPGRADE PATH(S):

8MB	STD							
		48MB**	(1)	KTV-TAM/32	96MB**	(1)	KTV-TAM/64	
16MB	(1)	KTV-TAM/8	(1)	KTV-TAM/16	(1)	KTV-TAM/32		
24MB	(1)	KTV-TAM/16	72MB	(1)	KTV-TAM/64	128MB**	(2)	KTV-TAM/64
40MB	(1)	KTV-TAM/32	80MB**	(1)	KTV-TAM/64			
				(1)	KTV-TAM/16			

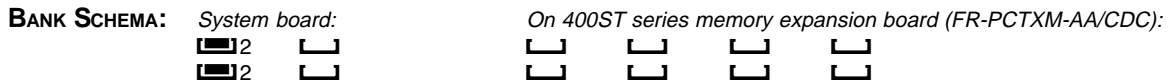
\*\* Requires replacement of all standard memory where indicated.

# DECpc 466ST, 450ST, 433ST, 425ST

**SYSTEM MEMORY FEATURES:** Standard Memory: 4MB (removable)  
 Maximum Memory: 32MB on system board;  
 96MB w/ DEC memory expansion board  
 Expansion: 4 sockets (2 banks of 2) on system board;  
 8 sockets (4 banks of 2) on DEC memory expansion board

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	8MB Kit	2	KTV-TAM/8	FR-PC77M-AA,PCTAM-CD
	16MB Kit	2	KTV-TAM/16	FR-PC77M-AB,PCTAM-CE

**COMMENTS:** The memory kits can coexist in any combination on either the system board or the DEC expansion board (P/N FR-PCTXM-AA).



**MEMORY UPGRADE PATH(S):**

<b>4MB</b>	<b>STD</b>	44MB	(2)	KTV-TAM/16	76MB	(4)	KTV-TAM/16
12MB	(1) KTV-TAM/8		(1)	DEC FR-PCTXM-AA		(1)	DEC FR-PCTXM-AA
20MB	(1) KTV-TAM/16	52MB	(3)	KTV-TAM/8		(1)	KTV-TAM/8
24MB**	(1) KTV-TAM/16		(1)	KTV-TAM/16	84MB	(5)	KTV-TAM/16
	(1) KTV-TAM/8	60MB	(3)	DEC FR-PCTXM-AA		(1)	DEC FR-PCTXM-AA
32MB**	(2) KTV-TAM/16		(1)	KTV-TAM/16	88MB**	(5)	KTV-TAM/16
36MB	(2) KTV-TAM/16		(1)	DEC FR-PCTXM-AA		(1)	DEC FR-PCTXM-AA
	(1) DEC FR-PCTXM-AA	68MB	(4)	KTV-TAM/8		(1)	KTV-TAM/8
			(1)	DEC FR-PCTXM-AA	96MB**	(6)	KTV-TAM/16
						(1)	DEC FR-PCTXM-AA

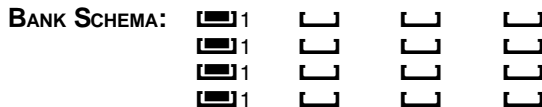
\*\* Requires replacement of all standard memory where indicated.

# DECpc 433T

**SYSTEM MEMORY FEATURES:** Standard Memory: 4MB (removable)  
 Maximum Memory: 64MB  
 Expansion: 16 sockets (4 banks of 4)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	2MB Kit	2	KTV433/2	PCXAM-DB/FR-PC7XMAB
	8MB Kit	2	KTV433/8	PCXAM-DC/FR-PC7XMAB

**COMMENTS:** KITS MUST BE ORDERED AND INSTALLED IN PAIRS.



**MEMORY UPGRADE PATH(S):**

<b>4MB</b>	<b>STD</b>	24MB	(2)	KTV433/8	40MB	(4)	KTV433/8
8MB	(2) KTV433/2		(2)	KTV433/2		(2)	KTV433/2
12MB	(4) KTV433/2	28MB	(2)	KTV433/8	52MB	(6)	KTV433/8
16MB	(6) KTV433/2		(4)	KTV433/2	64MB**	(8)	KTV433/8
20MB	(2) KTV433/8	36MB	(4)	KTV433/8			

\*\* Requires replacement of all standard memory where indicated.


## MicroVAX 3100 Model 95, Model 85

**SYSTEM MEMORY FEATURES:** Standard Memory: 16 or 64MB (removable)  
Maximum Memory: 128MB  
Expansion: 8 sockets (2 banks of 4)

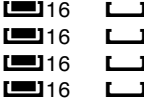
<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	16MB Kit	4	KTV4000/16	MS44L-BC
	64MB Kit	4	KTV4000/64	MS44-DC

**BANK SCHEMA:**

*16MB Standard:*



*64MB Standard:*



### MEMORY UPGRADE PATH(S):

16MB Standard:

<b>16MB</b>	<b>STD</b>	80MB	(1)	KTV4000/64	
32MB	(1)	KTV4000/16	128MB**	(2)	KTV4000/64

64MB Standard:

<b>64MB</b>	<b>STD</b>	80MB	(1)	KTV4000/16
128MB	(1)	KTV4000/64		

\*\*Requires replacement of all standard memory where indicated.

## MicroVAX 3100 Model 40, Model 30

**SYSTEM MEMORY FEATURES:** Standard Memory: 8MB (non-removable)  
Maximum Memory: 32MB  
Expansion: 6 sockets (3 banks of 2)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	8MB Kit	2	KTV5100/8	MS44-BA

**BANK SCHEMA:** [8MB]



### MEMORY UPGRADE PATH(S):

<b>8MB</b>	<b>STD</b>	24MB	(2)	KTV5100/8	
16MB	(1)	KTV5100/8	32MB	(3)	KTV5100/8



# MicroVAX 3100 Model 80

**SYSTEM MEMORY FEATURES:** Standard Memory: 8MB (removable)  
 Maximum Memory: 72MB  
 Expansion: 6 sockets (3 banks of 2) on system board

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	8MB Kit	2	KTV5100/8	MS44-BA
	32MB Kit	2	KTV5100/32	MS44-DA

**COMMENTS:** Although it is physically possible to install more memory, the system will only recognize 72MB maximum.



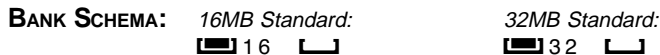
**MEMORY UPGRADE PATH(S):**

<b>8MB</b>	<b>STD</b>	40MB	(1)	KTV5100/32	72MB	(2)	KTV5100/32
16MB	(1)	KTV5100/8	48MB	(1)	KTV5100/32		
24MB	(2)	KTV5100/8		(1)	KTV5100/8		

# PC 3010

**SYSTEM MEMORY FEATURES:** Standard Memory: 16MB or 32MB (removable)  
 Maximum Memory: 256MB  
 Expansion: 2 sockets

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	16MB Module	1	KTV-FX2/16	FR-PCCAM-EB
	32MB Module	1	KTV-FX2/32	FR-PCCAM-EC
	64MB Module	1	KTV-FX2/64	FR-PCCAM-ED
	128MB Module	1	KTV-FX2/28	FR-PCCAM-EE



**MEMORY UPGRADE PATH(S):** Virtually any configuration up to 256MB can be reached using any combination of Kingston's 16, 32, 64, and 128MB modules.

## Prioris HX 6266; MX 6266

**SYSTEM MEMORY FEATURES:** Standard Memory: 64MB (removable)  
Maximum Memory: 512MB  
Expansion: 4 sockets

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	16MB Module	1	KTV-PXL6000/16	FR-PC SMA-AB
	32MB Module	1	KTV-PXL6000/32	FR-PC SMA-AC
	64MB Module	1	KTV-PXL6000/64	FR-PC SMA-AD
	128MB Module	1	KTV-PXL6000/128	FR-PC SMA-AE


**BANK SCHEMA:**  64

**MEMORY UPGRADE PATH(s):** Virtually any configuration up to 512MB can be reached using any combination of Kingston's 16, 32, 64, and 128MB modules.

## Prioris HX 6200, 6200MP; MX 6200, 6200MP

**SYSTEM MEMORY FEATURES:** Standard Memory: 16MB (removable)  
Maximum Memory: 1GB  
Expansion: 8 sockets (4 banks of 2)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	32MB Kit	2	KTV-HX/32	FR-PC77M-BK
	64MB Kit	2	KTV-HX/64	FR-PC77M-BL
	128MB Kit	2	KTV-HX/128	FR-PC77M-BM
	256MB Kit	2	KTV-HX/256	N/A

**BANK SCHEMA:** 


**MEMORY UPGRADE PATH(s):** Any combination of Kingston's 32, 64, 128, and 256MB kits can be installed to reach configurations up to 1GB.

## Prioris HX 590, 590DP, 166, 166DP, 133, 133DP

**SYSTEM MEMORY FEATURES:** Standard Memory: 16MB (removable)  
Maximum Memory: 512MB  
Expansion: 8 sockets (4 banks of 2)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	8MB Kit	2	KTV-TAM/8	FR-PC77M-AA, PCTAM-CD, MSP01-AA
	16MB Kit	2	KTV-TAM/16	FR-PC77M-AB, PCTAM-CE, MSP01-AB
	32MB Kit	2	KTV-TAM/32	FR-PC77M-AC, PCTAM-DF, MSP01-AC
	64MB Kit	2	KTV-TAM/64	FR-PC77M-AD, MSP01-AD
	128MB Kit	2	KTV-TAM/128	FR-PC77M-AJ, MSP01-AE

**COMMENTS:** The KTV-TAM/x parts are parity kits. Kingston currently does not manufacture ECC kits for this system.

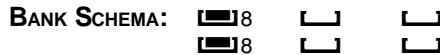
**BANK SCHEMA:** 

**MEMORY UPGRADE PATH(s):** Any combination of Kingston's 8, 16, 32, 64, and 128MB kits can be installed to reach configurations up to 512MB.

# Prioris LX 5200, 5150, 5120, 590, 575

**SYSTEM MEMORY FEATURES:** Standard Memory: 16MB (removable)  
 Maximum Memory: 192 MB  
 Expansion: 6 sockets (3 banks of 2)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	8MB Kit	2	KTV-TAM/8	FR-PC77M-AA,PCTAM-CD
	16MB Kit	2	KTV-TAM/16	FR-PC77M-AB,PCTAM-CE
	32MB Kit	2	KTV-TAM/32	FR-PC77M-AC,PCTAM-DF
	64MB Kit	2	KTV-TAM/64	FR-PC77M-AD,

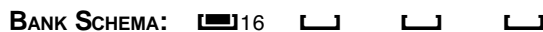


**MEMORY UPGRADE PATH(S):** Any combination of Kingston's 8, 16, 32, and 64MB kits can be installed to reach configurations up to 192MB.

# Prioris XL 6200; XLe 6180

**SYSTEM MEMORY FEATURES:** Standard Memory: 16MB (removable)  
 Maximum Memory: 512 MB  
 Expansion: 4 sockets

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	16MB Module	1	KTV-PXL6000/16	FR-PCSMA-AB
	32MB Module	1	KTV-PXL6000/32	FR-PCSMA-AC
	64MB Module	1	KTV-PXL6000/64	FR-PCSMA-AD
	128MB Module	1	KTV-PXL6000/128	FR-PCSMA-AE



**MEMORY UPGRADE PATH(S):** Virtually any configuration up to 512MB can be reached using any combination of Kingston's 16, 32, 64, and 128MB modules.

# Prioris ZX Server 6200MP, 6200MP/2, 6200MP/4, 6166MP, 6166MP/2, 6166MP/4

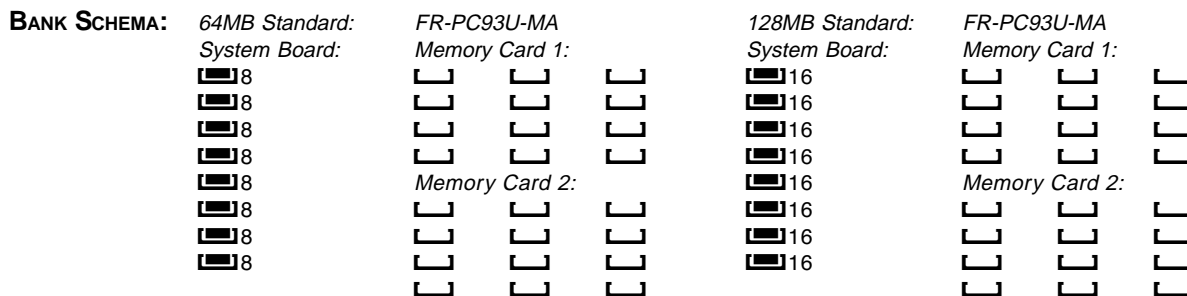
**SYSTEM MEMORY FEATURES:** Standard Memory: 64 or 128MB (removable)  
 Maximum Memory: 512MB on system board  
 2GB with Digital's FR-PC93U-MA  
 Expansion: 8sockets (1 banks of 8) on system board  
 24 sockets (3 banks of 8) on FR-PC93U-MA Memory Card

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	64MB Kit	8	KTV-Z6000/64	FR-PC77M-BE
	128MB Kit	8	KTV-Z6000/128	FR-PC77M-BF
	256MB Kit	8	KTV-Z6000/256	FR-PC77M-BG
	512MB Kit	8	KTV-Z6000/512	FR-PC77M-BH

**COMMENTS:** The system board (Bank 0) must be fully populated before adding additional memory to the memory cards. The largest capacity modules must be installed on the system board (Bank 0). Bank 1 is the first four sockets (J2-J5) on both FR-PC93U-MA Memory Card 1 AND Memory Card 2. Bank 2 is sockets J6-J9 on both memory boards. Bank 3 is sockets J10-J13 on both memory cards.

Digital's FR-PC93U-MA part number consists of two memory cards.

The KTV-Z6000/64 and KTV-Z6000/512 kits cannot be mixed with any other kits. The KTV-Z6000/128 and 256 kits can coexist in descending order starting with Bank 0.



**MEMORY UPGRADE PATH(S):**

64MB Standard:

<b>64MB</b>	<b>STD</b>	512MB**	(1) FR-PC93U-MA	896MB**	(1) FR-PC93U-MA
128MB	(1) FR-PC93U-MA	(2) KTV-Z6000/256	or	(3) KTV-Z6000/256	(1) KTV-Z6000/128
	(1) KTV-Z6000/64	(1) KTV-Z6000/512			
192MB	(1) FR-PC93U-MA	640MB**	(1) FR-PC93U-MA	1024MB**	(1) FR-PC93U-MA
	(2) KTV-Z6000/64	(2) KTV-Z6000/256	(2) KTV-Z6000/128	or	(4) KTV-Z6000/256
256MB	(1) FR-PC93U-MA	(1) FR-PC93U-MA	(1) KTV-Z6000/128	(2) KTV-Z6000/512	
	(3) KTV-Z6000/64	768MB**	(1) FR-PC93U-MA	1536MB**	(1) FR-PC93U-MA
384MB**	(1) FR-PC93U-MA	(3) KTV-Z6000/256		(3) KTV-Z6000/512	
	(1) KTV-Z6000/256			2048MB**	(1) FR-PC93U-MA
	(1) KTV-Z6000/128			(4) KTV-Z6000/512	

128MB Standard:

<b>128MB</b>	<b>STD</b>	640MB	(1) FR-PC93U-MA	1536MB**	(1) FR-PC93U-MA
256MB	(1) FR-PC93U-MA	768MB	(2) KTV-Z6000/256	(3) KTV-Z6000/512	
	(1) KTV-Z6000/128	(1) FR-PC93U-MA	(2) KTV-Z6000/256	2048MB**	(1) FR-PC93U-MA
384MB	(1) FR-PC93U-MA	(1) KTV-Z6000/128		(4) KTV-Z6000/512	
	(1) KTV-Z6000/256	896MB	(1) FR-PC93U-MA		
512MB	(1) FR-PC93U-MA	(3) KTV-Z6000/256			
	(1) KTV-Z6000/256	1024MB**	(1) FR-PC93U-MA		
	(1) KTV-Z6000/128	(4) KTV-Z6000/256			

\*\* Requires replacement of all standard memory where indicated.

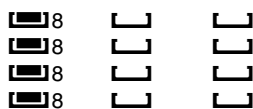
# Prioris ZX Server 5166MP, 5166MP/2, 5166MP/4, 5133MP, 5133MP/2, 5133MP/4

**SYSTEM MEMORY FEATURES:** Standard Memory: 32MB (removable)  
 Maximum Memory: 384MB with standard memory board  
 768MB with FR-PCA6U-MA memory board  
 Expansion: 12 sockets (3 banks of 4) on standard memory board  
 12 sockets (3 banks of 4) on FR-PCA6U-MA memory board

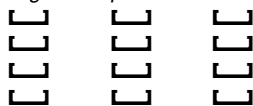
<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	16MB Kit	4	KTV-PZX/16	FR-PC77M-AP
	32MB Kit	4	KTV-PZX/32	FR-PC77M-AS
	64MB Kit	4	KTV-PZX/64	FR-PC77M-AL
	128MB Kit	4	KTV-PZX/128	FR-PC77M-AT

**COMMENTS:** To reach 768MB you must purchase Digital's FR-PCA6U-MA memory board.

**BANK SCHEMA:**



*Digital's expansion board (p/n FR-PCA6U-MA):*



**MEMORY UPGRADE PATH(S):** Any combination of Kingston's 16, 32, 64, and 128MB kits can be installed to reach configurations up to 384MB on the system board and 384MB on Digital's FR-PCA6U-MA memory board for a system total of 768MB.

# Venturis GL 6200, 6180

**SYSTEM MEMORY FEATURES:** Standard Memory: 16 or 32MB (removable)  
 Maximum Memory: 192MB  
 Expansion: 6 sockets (3 banks of 2)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	8MB Kit	2	KTV-ECAM/8	FR-PCCAM-BD
	16MB Kit	2	KTV-ECAM/16	FR-PCCAM-BA
	32MB Kit	2	KTV-ECAM/32	FR-PCCAM-BB
	64MB Kit	2	KTV-ECAM/64	FR-PCCAM-BC

**BANK SCHEMA:**



**MEMORY UPGRADE PATH(S):** Any combination of Kingston's 8, 16, 32, and 64MB kits can be installed to reach configurations up to 192MB.

## Desktop Models

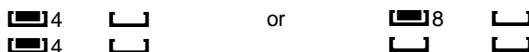
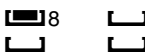
### Celebris 590, 575, 560, FP 590,

**SYSTEM MEMORY** Standard Memory: 8MB (removable)  
**FEATURES:** Maximum Memory: 128MB  
 Expansion: 4 sockets (2 banks of 2)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	8MB Kit	2	KTV-TAM/8	FR-PC77M-AA,PCTAM-CD
	16MB Kit	2	KTV-TAM/16	FR-PC77M-AB,PCTAM-CE
	32MB Kit	2	KTV-TAM/32	FR-PC77M-AC,PCTAM-DF
	64MB Kit	2	KTV-TAM/64	FR-PC77M-AD
	4MB Module	1	KTV-LP/4	FR-PC74M-AA
	16MB Module	1	KTV-LP/16	FR-PC74M-AB
	32MB Module	1	KTV-LP/32	n/a
	4MB Module (non-parity)	1	KTV-NPVEN/4	FR-PCVAM-AA
	8MB Module (non-parity)	1	KTV-NPVEN/8	FR-PCVAM-AB
	16MB Module (non-parity)	1	KTV-NPVEN/16	FR-PCVAM-AC
	32MB Module (non-parity)	1	KTV-NPVEN/32	FR-PCVAM-AD

**COMMENTS:** In these systems, it is possible to install one module in a bank and leave the other socket empty. However, banks **MUST** contain modules of the same capacity if both sockets are full. Both single modules and kits of two are available.

If the system came with parity memory, you should use the parity modules KTV-TAM/x (kits) or KTV-LP/x (single modules) . If the system came with non-parity memory, you should use the non-parity modules KTV-NPVEN/x (single modules). If you are unsure use the parity modules KTV-TAM/x (kits).

**BANK SCHEMA:**  or 

#### MEMORY UPGRADE PATH(S):

<b>8MB</b>	<b>STD</b>	72MB	(2)	KTV-NPVEN/32	128MB**	(2)	KTV-NPVEN/32
16MB	(2) KTV-NPVEN/4	80MB**	(2)	KTV-NPVEN/32		(2)	KTV-NPVEN/32
24MB	(2) KTV-NPVEN/8		(2)	KTV-NPVEN/8			
40MB	(2) KTV-NPVEN/16	96MB**	(2)	KTV-NPVEN/32			
			(2)	KTV-NPVEN/16			

\*\* Requires replacement of all standard memory where indicated.


# Celebris FX-2 5200M, 5166M, 5166; PC 5100

**SYSTEM MEMORY FEATURES:** Standard Memory: 16 or 32MB (removable) system memory  
 2MB (non-removable) video memory  
 Maximum Memory: 256MB system memory  
 4MB video memory  
 Expansion: 3 sockets for system memory  
 1 socket for video memory

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	16MB Module	1	KTV-FX2/16	FR-PCCAM-EB
	32MB Module	1	KTV-FX2/32	FR-PCCAM-EC
	64MB Module	1	KTV-FX2/64	FR-PCCAM-ED
	128MB Module	1	KTV-FX2/128	FR-PCCAM-EE
	2MB Video Upgrade	1	KTV-VFX2/2	FR-PCCAM-EG

**COMMENTS:** Although it is physically possible to install more memory, the system will only recognize 256MB maximum. Memory Configurations in the "System Reference Manual" are incorrect. Please refer to the "Upgrade Path" below for the updated table.

**BANK SCHEMA:** 16MB Standard:  32MB Standard: 

Video Memory:  
**[2MB]**  


**MEMORY UPGRADE PATH(S):**

Socket J5	Socket J6	Socket J7	Total Memory
		16	16MB
	16	16	32MB
		32	32MB
16	16	16	48MB
	16	32	48MB
	32	16	48MB
16	16	32	64MB
16	32	16	64MB
	32	32	64MB
		64	64MB
16	32	32	80MB
	16	64	80MB
	64	16	80MB
	32	64	96MB
	64	32	96MB
	64	64	128MB
		128	128MB
	16	128	144MB
	128	16	144MB
	32	128	160MB
	128	32	160MB
	64	128	192MB
	128	64	192MB
	128	128	256MB


Video Memory  
**2MB STD**  
 4MB (1) KTV-VFX2/2

## Celebris FX 5200, 5200M, 5166, 5133

**SYSTEM MEMORY FEATURES:** Standard Memory: 16MB (removable)  
Maximum Memory: 192MB  
Expansion: 6 sockets (3 banks of 2)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	4MB Module	1	KTV-VENFX/4	FR-PCCAM-BE
	8MB Module	1	KTV-VENFX/8	FR-PCCAM-BF
	16MB Module	1	KTV-VENFX/16	FR-PCCAM-BG
	32MB Module	1	KTV-VENFX/32	N/A

**COMMENTS:** MODULES MAY BE INSTALLED ONE AT A TIME; However, they must be added in like pairs to take advantage of memory interleaving.

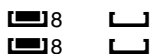
**BANK SCHEMA:** 

**MEMORY UPGRADE PATH(S):** Virtually any configuration up to 192MB can be reached using any combination of Kingston's 4, 8, 16, and 32MB modules IN PAIRS.

## Celebris GL 5133, 5120, 5100, 5166ST, 5150ST, 5133ST, 5120ST, 5100ST

**SYSTEM MEMORY FEATURES:** Standard Memory: 16MB (removable)  
Maximum Memory: 128MB  
Expansion: 4 sockets (2 banks of 2)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	8MB Kit	2	KTV-ECAM/8	FR-PCCAM-BD
	16MB Kit	2	KTV-ECAM/16	FR-PCCAM-BA
	32MB Kit	2	KTV-ECAM/32	FR-PCCAM-BB
	64MB Kit	2	KTV-ECAM/64	FR-PCCAM-BC

**BANK SCHEMA:** 

**MEMORY UPGRADE PATH(S):** Any combination of Kingston's 8, 16, 32, and 64MB kits can be installed to reach configurations up to 128MB.



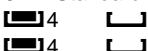
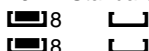
## Celebris GL 590

**SYSTEM MEMORY FEATURES:** Standard Memory: 8MB or 16MB (removable)  
Maximum Memory: 128MB  
Expansion: 4 sockets (2 banks of 2)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	4MB Module	1	KTV-NPVEN/4	FR-PCVAM-AA
	8MB Module	1	KTV-NPVEN/8	FR-PCVAM-AB
	16MB Module	1	KTV-NPVEN/16	FR-PCVAM-AC
	32MB Module	1	KTV-NPVEN/32	FR-PCVAM-AD

**COMMENTS:** MODULES MUST BE ORDERED AND INSTALLED IN PAIRS.

**BANK SCHEMA:**

<i>8MB Standard:</i>		<i>16MB Standard:</i>	
----------------------	---	-----------------------	--


**MEMORY UPGRADE PATH(S):** Virtually any configuration up to 128MB can be reached using any combination of Kingston's 4, 8, 16, and 32Mb modules IN PAIRS.

## Celebris GL-2 6266, 6233

**SYSTEM MEMORY FEATURES:** Standard Memory: 32MB (removable)  
Maximum Memory: 256MB with current Kingston products  
512MB with release of 128MB kit  
Expansion: 8 sockets (4 banks of 2)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	16MB Kit	2	KTV-ECAM/16	FR-PCCAM-BA
	32MB Kit	2	KTV-ECAM/32	FR-PCCAM-BB
	64MB Kit	2	KTV-ECAM/64	FR-PCCAM-BC

**BANK SCHEMA:**


---

**MEMORY UPGRADE PATH(S):** Any combination of Kingston's 16, 32, and 64MB kits can be installed to reach configurations up to 256MB.

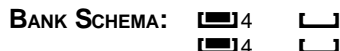
# Celebris 4100, 466

**SYSTEM MEMORY FEATURES:** Standard Memory: 8MB (removable)  
 Maximum Memory: 128MB  
 Expansion: 4 sockets (2 banks of 2)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	8MB Kit	2	KTV-TAM/8	FR-PC77M-AA,PCTAM-CD
	16MB Kit	2	KTV-TAM/16	FR-PC77M-AB,PCTAM-CE
	32MB Kit	2	KTV-TAM/32	FR-PC77M-AC,PCTAM-DF
	64MB Kit	2	KTV-TAM/64	FR-PC77M-AD

**COMMENTS:** Digital also recommends KTV-LP/4 and KTV-LP/16 for this system. These are single modules, so if they are purchased, they **MUST BE ORDERED AND INSTALLED IN PAIRS.**

If you upgrade beyond 64MB, the BIOS will read the memory, but DOS and the diagnostic software will not see it. This is due to a DOS limitation, and does not affect the memory your computer is actually using.



<b>MEMORY UPGRADE PATH(S):</b>	<b>8MB</b>	<b>STD</b>	<b>48MB**</b>	<b>(1)</b>	<b>KTV-TAM/32</b>	<b>96MB**</b>	<b>(1)</b>	<b>KTV-TAM/64</b>
	16MB	(1) KTV-TAM/8	72MB	(1)	KTV-TAM/16	128MB**	(2)	KTV-TAM/32
	24MB	(1) KTV-TAM/16	80MB	(1)	KTV-TAM/64			KTV-TAM/64
	40MB	(1) KTV-TAM/32		(1)	KTV-TAM/64			
				(1)	KTV-TAM/16			

\*\* Requires replacement of all standard memory where indicated.

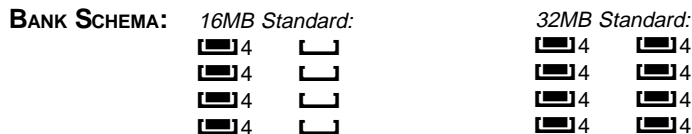
# DECpc AXP 150

**SYSTEM MEMORY FEATURES:** Standard Memory: 16MB or 32MB (removable)  
 Maximum Memory: 256MB  
 Expansion: 8 sockets (2 banks of 4)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	16MB Kit*	4	KTV-A2000/16	PB2MA-BD
	64MB Kit*	4	KTV-A2000/64	PB2MA-BF
	128MB Kit*	4	KTV-A2000/128	(2) PC77M-AD

\* Enhancement to or substitute for Mfr Part Number.

**COMMENTS:** KTV-A2000/16 = PB2MA-BD = (4) KTV-LP/4 = (4) FR-PC74M-AA  
 KTV-A2000/64 = PB2MA-BF = (4) KTV-LP/16 = (4) FR-PC74M-AB  
 KTV-A2000/128 =(2) KTV-TAM/64 = (2) FR-PC77M-AD



<b>MEMORY UPGRADE PATH(S):</b>	<b>16MB</b>	<b>STD</b>	<b>80MB</b>	<b>(1)</b>	<b>KTV-A2000/64</b>	<b>192MB**</b>	<b>(1)</b>	<b>KTV-A2000/64</b>
	32MB	(1) KTV-A2000/16	144MB	(1)	KTV-A2000/128	256MB**	(2)	KTV-A2000/128

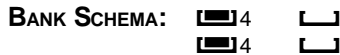
32MB Standard:

<b>32MB</b>	<b>STD</b>	<b>144MB*</b>	<b>(1)</b>	<b>KTV-A2000/128</b>	<b>192MB**</b>	<b>(1)</b>	<b>KTV-A2000/64</b>
80MB*	(1) KTV-A2000/64				256MB**	(2)	KTV-A2000/128

# DECpc LPx 566, 560

**SYSTEM MEMORY FEATURES:** Standard Memory: 8MB (removable)  
 Maximum Memory: 128MB  
 Expansion: 4 sockets (2 banks of 2)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	8MB Kit	2	KTV-TAM/8	FR-PC77M-AA,PCTAM-CD
	16MB Kit	2	KTV-TAM/16	FR-PC77M-AB,PCTAM-CE
	32MB Kit	2	KTV-TAM/32	FR-PC77M-AC,PCTAM-DF
	64MB Kit	2	KTV-TAM/64	FR-PC77M-AD



**MEMORY UPGRADE PATH(S):**

<b>8MB</b>	<b>STD</b>	72MB	(1)	KTV-TAM/64	128MB**	(2)	KTV-TAM/64
16MB	(1) KTV-TAM/8	80MB**	(1)	KTV-TAM/64			
24MB	(1) KTV-TAM/16		(1)	KTV-TAM/16			
40MB	(1) KTV-TAM/32	96MB**	(1)	KTV-TAM/64			
48MB**	(1) KTV-TAM/32		(1)	KTV-TAM/32			
	(1) KTV-TAM/16						

\*\* Requires replacement of all standard memory where indicated.

# DECpc LP 466d2, 450d2, 340dx, 433dx, 425sx; DECpc LPx 466d2, 450d2, 433dx, 433sx

**SYSTEM MEMORY FEATURES:** Standard Memory: 4MB or 8MB (removable)  
 Maximum Memory: 64MB  
 Expansion: 4 sockets

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	4MB Module	1	KTV-LP/4	FR-PC74M-AA
	16MB Module	1	KTV-LP/16	FR-PC74M-AB



**MEMORY UPGRADE PATH(S):**

4MB Standard:

<b>4MB</b>	<b>STD</b>	20MB	(1)	KTV-LP/16	40MB	(2)	KTV-LP/16
8MB	(1) KTV-LP/4	24MB	(1)	KTV-LP/16		(1)	KTV-LP/4
12MB	(2) KTV-LP/4		(1)	KTV-LP/4	52MB	(3)	KTV-LP/16
16MB	(3) KTV-LP/4	28MB	(1)	KTV-LP/16	64MB**	(4)	KTV-LP/16
			(2)	KTV-LP/4			
		36MB	(2)	KTV-LP/16			

8MB Standard:

<b>8MB</b>	<b>STD</b>	28MB	(1)	KTV-LP/16	64MB**	(4)	KTV-LP/16
12MB	(1) KTV-LP/4		(1)	KTV-LP/4			
16MB	(2) KTV-LP/4	40MB	(2)	KTV-LP/16			
24MB	(1) KTV-LP/16	52MB*	(3)	KTV-LP/16			

\* Requires partial replacement of standard memory where indicated.

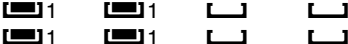
\*\* Requires replacement of all standard memory where indicated.

## DECpc 333sx LP

**SYSTEM MEMORY FEATURES:** Standard Memory: 4MB (removable)  
Maximum Memory: 14MB  
Expansion: 8 sockets (4 banks of 2)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	2MB Kit	2	KTV433/2	PCXAM-DB/FR-PC7XMAB
	8MB Kit	2	KTV433/8	PCXAM-DC/FR-PC7XMBB

**COMMENTS:** Although it is physically possible to install more memory, the system can only recognize 14MB maximum.

**BANK SCHEMA:** 

**MEMORY UPGRADE PATH(S):**

4MB	STD	8MB	(2)	KTV433/2	14MB	(1)	KTV433/8
6MB	(1)	KTV433/2	12MB	(1)	KTV433/8	(1)	KTV433/2

## DECpc LPx+ 466d2, 450d2, 450s2, 433dx, 433sx, 4100

**SYSTEM MEMORY FEATURES:** Standard Memory: 4MB (removable)  
Maximum Memory: 64MB  
Expansion: 4 sockets

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	4MB Module	1	KTV-LP/4	FR-PC74M-AA
	16MB Module	1	KTV-LP/16	FR-PC74M-AB

**BANK SCHEMA:** 

**MEMORY UPGRADE PATH(S):** Virtually any configuration up to 64MB can be reached using any combination of Kingston's 4, and 16MB modules.

## DECpc LPv+ 466d2, 450d2, 450s2, 433dx, 433sx, 425sx, 4100

**SYSTEM MEMORY FEATURES:** Standard Memory: 4MB (removable)  
Maximum Memory: 64MB  
Expansion: 4 sockets

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	4MB Module	1	KTV-LP/4	FR-PC74M-AA
	16MB Module	1	KTV-LP/16	FR-PC74M-AB

**BANK SCHEMA:** 

**MEMORY UPGRADE PATH(S):** Virtually any configuration up to 64MB can be reached using any combination of Kingston's 4, and 16MB modules.

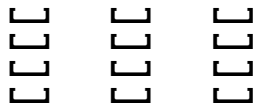
# DECpc 433 Workstation

**SYSTEM MEMORY FEATURES:** Standard Memory: 8MB (non-removable)  
 Maximum Memory: 48MB  
 Expansion: 12 sockets (3 banks of 4)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	2MB Kit	2	KTV433/2	PCXAM-DB/FR-PC7XMAB
	8MB Kit	2	KTV433/8	PCXAM-DC/FR-PC7XMBB

**COMMENTS:** KITS MUST BE ORDERED AND INSTALLED IN PAIRS.

**BANK SCHEMA:** [8MB]



**MEMORY UPGRADE PATH(S):**

<b>8MB</b>	<b>STD</b>	24MB	(2)	KTV433/8	48MB**	(6)	KTV433/8
12MB	(2)	KTV433/2	36MB*	(4)	KTV433/8		

\* Requires partial replacement of standard memory where indicated.

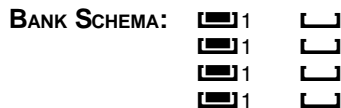
\*\* Requires replacement of all standard memory where indicated.

# DECpc 420SX

**SYSTEM MEMORY FEATURES:** Standard Memory: 4MB (removable)  
 Maximum Memory: 32MB  
 Expansion: 8 sockets (2 banks of 4)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	2MB Kit	2	KTV433/2	PCXAM-DB/FR-PC7XMAB
	8MB Kit	2	KTV433/8	PCXAM-DC/FR-PC7XMBB

**COMMENTS:** KITS MUST BE ORDERED AND INSTALLED IN PAIRS.



**MEMORY UPGRADE PATH(S):**

<b>4MB</b>	<b>STD</b>	20MB	(2)	KTV433/8	
8MB	(2)	KTV433/2	32MB**	(4)	KTV433/8

\*\* Requires replacement of all standard memory where indicated.

# DECstation 425c, 333c, 325c, 320 Plus, 316 Plus

**SYSTEM MEMORY FEATURES:** Standard Memory: 1MB (removable) on DEC standard memory card  
 Maximum Memory: 8MB on DEC standard memory card;  
 16MB with second DEC memory card  
 Expansion: 8 sockets (2 banks of 4) on DEC standard memory card;  
 8 sockets (2 banks of 4) on DEC exp card FR-PC46M-AA

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	2MB Kit	2	KTV4XM/2	PC4XM-CB

**COMMENTS:** These systems have no memory expansion sockets on the system board; they come equipped with a standard memory card and will accept one additional card (DEC P/N FR-PC46M-AA).

The 512KB and 2MB kits cannot be mixed on the same memory expansion card, although it is possible to have pairs of 2MB kits on the standard memory card and pairs of 512KB kits on the DEC add-on memory card, and vice versa.

KITS MUST BE ORDERED AND INSTALLED IN PAIRS. Upgrading must be done in 1MB or 4MB increments.



<b>MEMORY UPGRADE PATH(S):</b>	1MB	STD	12MB**	(1)	DEC FR-PC46M-AA	16MB**	(1)	DEC FR-PC46M-AA
	4MB**	(2)	KTV4XM/2	(6)	KTV4XM/2	8MB**	(8)	KTV4XM/2
	8MB**	(4)	KTV4XM/2					

\*\* Requires replacement of all standard memory where indicated.

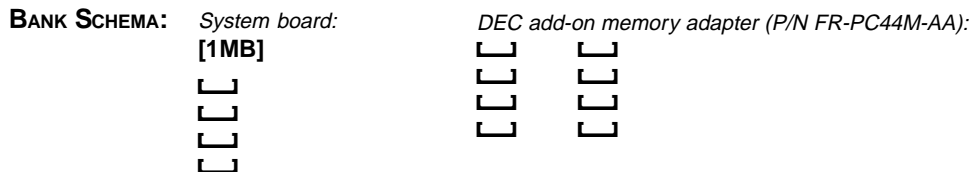
# DECstation 320SX; DECpc 316SX

**SYSTEM MEMORY FEATURES:** Standard Memory: 1MB (non-removable) on system board  
 Maximum Memory: 5MB on system board;  
 13MB with DEC add-on memory adapter  
 Expansion: 4 sockets (1 bank of 4) on system board;  
 8 sockets (2 banks of 4) on DEC add-on memory adapter

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	2MB Kit	2	KTV4XM/2	PC4XM-CB

**COMMENTS:** The 512KB and 2MB kits cannot be mixed on the same board, although it is possible to have pairs of 2MB kits on the system board and pairs of 512KB kits on the DEC add-on memory adapter (FR-PC44M-AA), and vice versa.

THE KITS MUST BE ORDERED AND INSTALLED IN PAIRS.



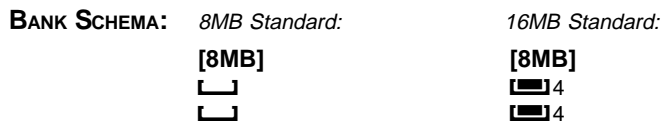
<b>MEMORY UPGRADE PATH(S):</b>	1MB	STD	9MB	(1)	DEC FR-PC44M-AA	13MB	(1)	DEC FR-PC44M-AA
	5MB	(2)	KTV4XM/2	(4)	KTV4XM/2	8MB**	(6)	KTV4XM/2

# Starion 960, 950, 940, 933, 932, 931, 930, 922, 921, 920, 919, 917, 915, 911, 910, 900i, 800i, 700i, 600i, 500i, 400i, 300i, 200i

**SYSTEM MEMORY FEATURES:** Standard Memory: 8MB (non-removable); plus  
 0MB or 8MB (removable) = 8 or 16MB total  
 Maximum Memory: 72MB  
 Expansion: 2 sockets (1 bank of 2)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	4MB Module	1	KTV-NPVEN/4	FR-PCVAM-AA
	8MB Module	1	KTV-NPVEN/8	FR-PCVAM-AB
	16MB Module	1	KTV-NPVEN/16	FR-PCVAM-AC
	32MB Module	1	KTV-NPVEN/32	FR-PCVAM-AD

**COMMENTS:** KITS MUST BE ORDERED AND INSTALLED IN PAIRS.



**MEMORY UPGRADE PATH(S):**

8MB Standard:

<b>8MB</b>	<b>STD</b>	24MB	(2)	KTV-NPVEN/8	72MB	(2)	KTV-NPVEN/32
16MB	(2)	KTV-NPVEN/4	40MB	(2)	KTV-NPVEN/16		

16MB Standard:

<b>16MB</b>	<b>STD</b>	40MB**	(2)	KTV-NPVEN/16			
24MB**	(2)	KTV-NPVEN/8	72MB**	(2)	KTV-NPVEN/32		

\*\* Requires replacement of all standard memory where indicated.

## Venturis 5166, 5150, 5133, 5120, 5100, 590, 575

**SYSTEM MEMORY FEATURES:** Standard Memory: 8MB (non-removable)  
Maximum Memory: 136MB  
Expansion: 2 sockets (1 bank of 2)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	4MB Module	1	KTV-NPVEN/4	FR-PCVAM-AA
	8MB Module	1	KTV-NPVEN/8	FR-PCVAM-AB
	16MB Module	1	KTV-NPVEN/16	FR-PCVAM-AC
	32MB Module	1	KTV-NPVEN/32	FR-PCVAM-AD
	64MB Module	1	KTV-NPVEN/64	FR-PCT7M-AA

**COMMENTS:** MODULES MUST BE ORDERED AND INSTALLED IN PAIRS.  
Although it is physically possible to install more memory, the system will only recognize 128MB maximum.  
The Venturis comes in two profiles: the Slimline and Full Profile. Digital differentiates the two models noting the Full Profile with the "FP" extension.

**BANK SCHEMA:** [8MB]



**MEMORY UPGRADE PATH(S):**

8MB	STD	24MB	(2)	KTV-NPVEN/8	72MB	(2)	KTV-NPVEN/32	
16MB	(2)	KTV-NPVEN/4	40MB	(2)	KTV-NPVEN/16	136MB	(2)	KTV-NPVEN/64

## Venturis 560

**SYSTEM MEMORY FEATURES:** Standard Memory: 4MB or 8MB (removable)  
Maximum Memory: 64MB  
Expansion: 2 sockets

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	4MB Module (non-parity)	1	KTV-NPVEN/4	FR-PCVAM-AA
	8MB Module (non-parity)	1	KTV-NPVEN/8	FR-PCVAM-AB
	16MB Module (non-parity)	1	KTV-NPVEN/16	FR-PCVAM-AC
	32MB Module (non-parity)	1	KTV-NPVEN/32	FR-PCVAM-AD

**COMMENTS:** If both sockets are filled, they MUST contain the same capacity modules.

**BANK SCHEMA:** 4MB Standard:  
 4

8MB Standard:  
 8

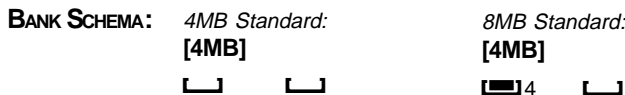
**MEMORY UPGRADE PATH(S):** Virtually any configuration up to 64MB can be reached using any combination of Kingston's 4, 8, 16, and 64MB modules.



# Venturis 4100, 466, 450s2, 433sx

**SYSTEM MEMORY FEATURES:** Standard Memory: 4MB (non-removable); plus 0MB or 4MB (removable) = 4MB or 8MB total  
 Maximum Memory: 68MB  
 Expansion: 2 sockets

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	4MB Module (non-parity)	1	KTV-NPVEN/4	FR-PCVAM-AA
	8MB Module (non-parity)	1	KTV-NPVEN/8	FR-PCVAM-AB
	16MB Module (non-parity)	1	KTV-NPVEN/16	FR-PCVAM-AC
	32MB Module (non-parity)	1	KTV-NPVEN/32	FR-PCVAM-AD



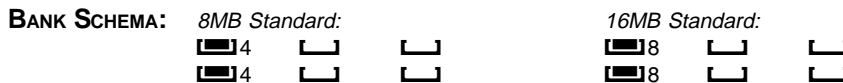
**MEMORY UPGRADE PATH(S):** Virtually any configuration up to 68MB can be reached using any combination of Kingston's 4, 8, 16, and 32MB modules.

# Venturis FX 5200, 5166sm, 5166/5166s, 5150/5150s, 5133sm, 5133/5133s, 5120/5120s, 5100/5100s

**SYSTEM MEMORY FEATURES:** Standard Memory: 8MB or 16MB (removable)  
 Maximum Memory: 192MB  
 Expansion: 6 sockets (3 banks of 2)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	4MB Module	1	KTV-VENFX/4	FR-PCCAM-BE
	8MB Module	1	KTV-VENFX/8	FR-PCCAM-BF
	16MB Module	1	KTV-VENFX/16	FR-PCCAM-BG
	32MB Module	1	KTV-VENFX/32	N/A

**COMMENTS:** MODULES MAY BE INSTALLED ONE AT A TIME; However, they must be added in like pairs to take advantage of memory interleaving.



**MEMORY UPGRADE PATH(S):** Virtually any configuration up to 192MB can be reached using any combination of Kingston's 4, 8, 16, and 32MB modules IN PAIRS.


# Venturis FX-2 6233K ST, 5200M, 5166, 5166M; PC 3100

**SYSTEM MEMORY FEATURES:** Standard Memory: 16MB or 32MB (removable) system memory  
1MB (non-removable) video memory  
Maximum Memory: 256MB system memory  
2MB video memory  
Expansion: 3 sockets for system memory  
1 socket for video memory

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	16MB Module	1	KTV-FX2/16	FR-PCCAM-EB
	32MB Module	1	KTV-FX2/32	FR-PCCAM-EC
	64MB Module	1	KTV-FX2/64	FR-PCCAM-ED
	128MB Module	1	KTV-FX2/128	FR-PCCAM-EE
	1MB Video Upgrade	1	KTV-VFX2/1	FR-PCCAM-EF

**COMMENTS:** Although it is physically possible to install more memory, the system will only recognize 256MB maximum. Memory configurations in the 'System Reference Manual' are incorrect. Please refer to the 'Upgrade Path' below for the updated table.

**BANK SCHEMA:** *System Memory:*  
*16MB Standard:*  *32MB Standard:* 

*Video Memory:*  
**[1MB]**  


## MEMORY UPGRADE PATH(S):

System Memory:

Socket J5	Socket J6	Socket J7	Total Memory
		16	16MB
	16	16	32MB
		32	32MB
16	16	16	48MB
	16	32	48MB
	32	16	48MB
16	16	32	64MB
16	32	16	64MB
	32	32	64MB
		64	64MB
16	32	32	80MB
	16	64	80MB
	64	16	80MB
	32	64	96MB
	64	32	96MB
	64	64	128MB
		128	128MB
	16	128	144MB
	128	16	144MB
	32	128	160MB
	128	32	160MB
	64	128	192MB
	128	64	192MB
	128	128	256MB

Video Memory

<b>1MB STD</b>
2MB (1) KTV-VFX2/1

# Portable Models

## DECpc 433SE, 425SE

**SYSTEM MEMORY FEATURES:** Standard Memory: 4MB (non-removable)  
 Maximum Memory: 20MB  
 Expansion: 2 slots (1 bank of 2)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	4MB Kit	2	KTV425SE/4	FR-PCP4M-AD
	16MB Kit	2	KTV425SE/16	FR-PCP4M-AE

**BANK SCHEMA:** [4MB]



**MEMORY UPGRADE PATH(S):**

4MB	STD	20MB	(1)	KTV425SE/16
8MB	(1)	KTV425SE/4		

## DECpc 433SL, 425SL, 425SLC

**SYSTEM MEMORY FEATURES:** Standard Memory: 4MB (removable)  
 Maximum Memory: 32MB  
 Expansion: 2 sockets

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	4MB Module	1	KTV425SL/4	FR-PCP4M-AA
	16MB Module	1	KTV425SL/16	FR-PCP4M-AC

**BANK SCHEMA:** [1]4 [ ]

**MEMORY UPGRADE PATH(S):**


4MB	STD	20MB	(1)	KTV425SL/16
8MB	(1)	KTV425SL/4	32MB**	(2) KTV425SL/16

\*\* Requires replacement of all standard memory where indicated.

## DECpc 433SLC Premium, 425SL Premium

**SYSTEM MEMORY** Standard Memory: 4MB (removable)  
**FEATURES:** Maximum Memory: 32MB  
 Expansion: 2 sockets

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	4MB Module	1	KTV433SLC/4	FRPCP4M-AF
	16MB Module	1	KTV433SLC/16	FRPCP4M-AG

**BANK SCHEMA:**  4

**MEMORY UPGRADE PATH(S):**

4MB	STD	20MB	(1)	KTV433SLC/16
8MB	(1) KTV433SLC/4	32MB**	(2)	KTV433SLC/16

\*\* Requires replacement of all standard memory where indicated.

## DECpc 325SL

**SYSTEM MEMORY** Standard Memory: 4MB (removable)  
**FEATURES:** Maximum Memory: 20MB  
 Expansion: 1 socket

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	4MB Memory Module	1	KTV325SL/4	FR-PCP3M-AA
	8MB Memory Module	1	KTV325SL/8	FR-PCP3M-AB
	16MB Memory Module	1	KTV325SL/16	FR-PCP3M-AC

**COMMENTS:** There are two sockets on system board, one of which is factory-installed with a 4MB memory module. This module SHOULD NOT BE REMOVED.

**BANK SCHEMA:**  4


**MEMORY UPGRADE PATH(S):**

4MB	STD	12MB	(1)	KTV325SL/8
8MB	(1) KTV325SL/4	20MB	(1)	KTV325SL/16

## DECpc 325P

**SYSTEM MEMORY** Standard Memory: 2MB (non-removable)  
**FEATURES:** Maximum Memory: 8MB  
 Expansion: 1 socket

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	4MB Module	1	KTV320P/4	FR-PCP1M-BB
	6MB Module	1	KTV320P/6	FR-PCP1M-BD, -BC

**BANK SCHEMA:** [2MB]  


**MEMORY UPGRADE PATH(S):**

2MB	STD	6MB	(1)	KTV320P/4	8MB	(1)	KTV320P/6
-----	-----	-----	-----	-----------	-----	-----	-----------

## DECpc 320P

**SYSTEM MEMORY FEATURES:** Standard Memory: 2MB (non-removable)  
Maximum Memory: 8MB  
Expansion: 1 socket

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	4MB Module	1	KTV320P/4	FR-PCP1M-BB
	6MB Module	1	KTV320P/6	FR-PCP1M-BD, -BC

**BANK SCHEMA:** [2MB]  
┌

**MEMORY UPGRADE PATH(S):**

2MB	STD	8MB	(1)	KTV320P/6
6MB	(1)	KTV320P/4		

## HiNote 486DX4/75, 486DX2/50, 486SX/33

**SYSTEM MEMORY FEATURES:** Standard Memory: 4MB (non-removable)  
Maximum Memory: 20MB  
Expansion: 1 socket

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	4MB Module	1	KTV-HN/4	FR-PCP7M-AA
	8MB Module	1	KTV-HN/8	FR-PCP7M-AB
	16MB Module	1	KTV-HN/16	FR-PCP7M-AC

**BANK SCHEMA:** [4MB]  
┌

**MEMORY UPGRADE PATH(S):**

4MB	STD	12MB	(1)	KTV-HN/8
8MB	(1)	KTV-HN/4	20MB	(1) KTV-HN/16

## HiNote Ultra 2000 GTX 5266M, 5233M, 5166M; VTX 5166M

**SYSTEM MEMORY FEATURES:** Standard Memory: 16MB (non-removable); plus  
16MB (removable) = 32MB total  
Maximum Memory: 144MB  
Expansion: 2 sockets

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	16MB Module	1	KTV-U200/16	FR-PCPMF-AB
	32MB Module	1	KTV-U200/32	FR-PCPMF-AC
	64MB Module	1	KTV-U200/64	FR-PCPMF-AD

**BANK SCHEMA:** [16MB]  
┌    ┌

**MEMORY UPGRADE PATH(S):**

Virtually any configuration up to 144MB can be reached using any combination of Kingston's 16, 32, and 64MB modules.

## HiNote Ultra SX/33, DSTN Color DX2/50, SX/33

**SYSTEM MEMORY FEATURES:** Standard Memory: 4MB (non-removable)  
Maximum Memory: 20MB  
Expansion: 1 socket

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	4MB Module	1	KTV-ULTRA/4	FR-PCP8M-AA
	8MB Module	1	KTV-ULTRA/8	FR-PCP8M-AB
	16MB Module	1	KTV-ULTRA/16	FR-PCP8M-AC

**BANK SCHEMA:** [4MB]



**MEMORY UPGRADE PATH(S):**

<b>4MB</b>	<b>STD</b>	12MB	(1)	KTV-ULTRA/8
8MB	(1) KTV-ULTRA/4	20MB	(1)	KTV-ULTRA/16

## HiNote Ultra TFT Color DX4/75, DX2/50

**SYSTEM MEMORY FEATURES:** Standard Memory: 8MB (non-removable)  
Maximum Memory: 24MB  
Expansion: 1 socket

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	4MB Module	1	KTV-ULTRA/4	FR-PCP8M-AA
	8MB Module	1	KTV-ULTRA/8	FR-PCP8M-AB
	16MB Module	1	KTV-ULTRA/16	FR-PCP8M-AC

**BANK SCHEMA:** [8MB]



**MEMORY UPGRADE PATH(S):**

<b>8MB</b>	<b>STD</b>	16MB	(1)	KTV-ULTRA/8
12MB	(1) KTV-ULTRA/4	24MB	(1)	KTV-ULTRA/16

## HiNote VP CSS 5100, 575; CTS 5100; LSS 5120, 5100; LTS 5120

**SYSTEM MEMORY FEATURES:** Standard Memory: 8MB (non-removable)  
Maximum Memory: 40MB  
Expansion: 1 socket

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	8MB Module	1	KTV-HNVP/8	FR-PCP9M-AA
	16MB Module	1	KTV-HNVP/16	FR-PCP9M-AB
	32MB Module	1	KTV-HNVP/32	FR-PCP9M-AC

**BANK SCHEMA:** [8MB]



**MEMORY UPGRADE PATH(S):**

<b>8MB</b>	<b>STD</b>	24MB	(1)	KTV-HNVP/16
16MB	(1) KTV-HNVP/8	40MB	(1)	KTV-HNVP/32

# HiNote Ultra II CTE 5100; CTS 5133, 5120, 5100; LTS 5133, 5150

**SYSTEM MEMORY FEATURES:** Standard Memory: 8MB (non-removable) plus 0 or 8MB (removable) = 8 or 16MB total  
 Maximum Memory: 56MB  
 Expansion: 2 sockets

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	4MB Module	1	KTV-ULTRA/4	FR-PCP8M-AA
	8MB Module	1	KTV-ULTRA/8	FR-PCP8M-AB
	16MB Module	1	KTV-ULTRA/16	FR-PCP8M-AC
	32MB Module	1	KTV-ULTRAII/32	N/A

**COMMENTS:** Although it is physically possible to install more memory, the system will only recognize 56MB maximum. Maximum memory is obtained by using one 32MB module and one 16MB module. THE SYSTEM DOES NOT SUPPORT TWO 32MB MODULES.

**BANK SCHEMA:** 8MB Standard: [8MB] [ ]      16MB Standard: [8MB] [ ]

**MEMORY UPGRADE PATH(s):** Virtually any configuration up to 56MB can be reached using any combination of Kingston's 4, 8, 16, and 32MB modules.

# HiNote VP 745, 725, 717, 715, 710, 703

**SYSTEM MEMORY FEATURES:** Standard Memory: 16MB (non-removable); plus 0, 16, or 32MB (removable) = 16, 32, or 48MB total  
 Maximum Memory: 144MB  
 Expansion: 2 sockets

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	16MB Module	1	KTV-VP700/16	FR-PCPM7-AB
	32MB Module	1	KTV-VP700/32	FR-PCPM7-AC
	64MB Module	1	KTV-VP700/64	FR-PCPM7-AD

**COMMENTS:** Windows NT users MUST follow the upgrade path specified below.

**BANK SCHEMA:** 16MB Standard: [16MB] [ ]      32MB Standard: [16MB] [ ]      48MB Standard: [16MB] [ ]

**MEMORY UPGRADE PATH(s):** For Windows 95:  
 Virtually any configuration up to 144MB can be reached using any combination of Kingston's 16, 32, and 64MB modules.

For Windows NT:

Total Memory	STD	Bank 1	Bank 2
48MB	[16MB]	32MB	
64MB	[16MB]	32MB	KTV-VP700/16
80MB	[16MB]	32MB	KTV-VP700/32
96MB*	[16MB]	KTV-VP700/16	KTV-VP700/64
112MB	[16MB]	32MB	KTV-VP700/64
144MB	[16MB]	KTV-VP700/64	KTV-VP700/64

\* Requires partial replacement of standard memory where indicated.

## HiNote VP 575, 567, 565, 562, 560

**SYSTEM MEMORY FEATURES:** Standard Memory: 16MB (non-removable)  
Maximum Memory: 80MB  
Expansion: 2 sockets (1 bank of 2)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	8MB Kit	2	KTV-VP500/8	FR-PCP9M-BA
	16MB Kit	2	KTV-VP500/16	FR-PCP9M-BB
	32MB Kit	2	KTV-VP500/32	FR-PCP9M-BC
	64MB Kit	2	KTV-VP560/64	N/A

**COMMENTS:** The BIOS version must be 1.03 or later to use the 64MB kit.

**BANK SCHEMA:** [16MB]



**MEMORY UPGRADE PATH(S):**

16MB	STD	32MB	(1)	KTV-VP500/16	80MB	(1)	KTV-VP500/64
24MB	(1)	KTV-VP500/8	48MB	(1)	KTV-VP500/32		

## HiNote VP 540, 535, 525, 520

**SYSTEM MEMORY FEATURES:** Standard Memory: 8MB (non-removable)  
Maximum Memory: 40MB  
Expansion: 2 sockets (1 bank of 2)

<b>KINGSTON MEMORY PRODUCTS:</b>	<i>Product Description:</i>	<i># pieces:</i>	<i>Kingston Part Number:</i>	<i>Mfr Part Number:</i>
	8MB Kit	2	KTV-VP500/8	FR-PCP9M-BA
	16MB Kit	2	KTV-VP500/16	FR-PCP9M-BB
	32MB Kit	2	KTV-VP500/32	FR-PCP9M-BC

**BANK SCHEMA:** [8MB]



**MEMORY UPGRADE PATH(S):**

8MB	STD	24MB	(1)	KTV-VP500/16	
16MB	(1)	KTV-VP500/8	40MB	(1)	KTV-VP500/32