

ProLiant 3000/5500

System/Processor Boards	Assembly	Spare Part
System I/O w/ Subpan	306596-001	306561-001
System I/O, w/ Tray	009775-101	328699-001
	179670-001	
	179671-001	
Processor Board, Dual P6/200	006440-001	306562-001
Processor Board, Terminator	179680-001	329271-001
Processor Board, PII/300	007288-102	306563-001
Processor Board w/ Tray	008099-001	179779-001
	169347-003	

SW1 Switch Settings

SW	Function	Set to ON	Set to OFF
S1	INTEGRATED VIDEO DISABLE	Disables the integrated video controller.	Default. Enables the integrated video controller
S2	CONFIGURATION LOCK	Disables configuration changes.	Default. Enables configuration changes
S3	RACK-MOUNT MODE	System is installed in a rack chassis.	Default. System is installed in a tower chassis
S4	DISKETTE BOOT FEATURE ENABLE	Enables system booting from the diskette drive regardless of the configuration setting.	Default. Diskette boot can be disabled through System Configuration Utility.
S5	POWER-ON PASSWORD	Power-on password is defeated.	Default. Power-on password is available.
S6	MAINTENANCE	NVRAM is invalidated; configuration is lost.	Default. NVRAM is validated; configuration is not lost.

SW1, SW2, SW3. Bus/Core Frequency Ratio

Bus Core Ratio	SW2							
	1	2	3	4	5	6	7	8
66 MHz/200 MHz*	ON	ON	ON	OFF	ON	OFF	OFF	OFF
66 MHz/300 MHz**	ON	ON	OFF	ON	OFF	OFF	OFF	OFF
200 MHz*	ON	ON	ON	OFF	ON	OFF	OFF	OFF

* ProLiant 5500

** ProLiant 3000

ProLiant 5500 Processor Core Frequency Switch Settings

Toggle	400 MHz	450 MHz	500 MHz
1	ON	OFF	ON
2	ON	ON	ON
3	OFF	OFF	OFF
4	ON	ON	OFF

ProLiant 3000 Processor Switch Settings

Processor Speed (MHz)	SW1	SW2	SW3	SW4	SW5	SW6
350	ON	ON	OFF	OFF	OFF	OFF
400	ON	OFF	ON	ON	OFF	OFF
450	ON	OFF	ON	OFF	OFF	OFF
500	ON	OFF	OFF	ON	OFF	OFF

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SCSI ID Numbers - Single SCSI Channel (Simplex Mode) w/1" Drives

3	Not Used
2	6
1	5
0	4

SCSI ID Numbers - Single SCSI Channel (Simplex Mode) w/1.6" Drives

3	6
1	5
0	4

SCSI ID Numbers - Dual SCSI Channel (Duplex Mode) w/1" Drives

3	3
2	2
1	1
0	0

SCSI ID Numbers - Dual SCSI Channel (Duplex Mode) w/1.6" Drives

3	3
1	1
0	0

ProLiant 3000/5500 Configuration Codes

Model	Processor	Drive	Configuration Code
6/300 (Tower)	300 MHz	None	BRZ3
6/300 (Rack)	300 MHz	None	BRZ4
6/200 (Tower)	200 MHz	None	BRZ1
6/200 (Rack)	200 MHz	None	BRZ2
6/333 (Tower)	333 MHz	None	BX61
6/333 (Rack)	333 MHz	None	BX62
6/400 (Tower), 5500	400 MHz	None	CCT1
6/400 (Rack), 5500	400 MHz	None	CCT2
6/400 (Tower), 3000	400 MHz	None	BVX4
6/400 (Rack), 3000	400 MHz	None	BVX3
6/450 (Tower), 3000	450 MHz	None	BVX2
6/450 (Rack), 3000	450 MHz	None	BVX1
6/450 512 256 EB	450 MHz	None	BVX5

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Microprocessors	Assembly	Spare Part
P6/200 Processor (5500 only)		270174-001
686/200 Processor, 1MB (5500 only)		296492-001
P6/200 Heat Sink (5500 only)		307569-001
Heat Sink w/ Clip (5500 only)		307569-001
Heat Sink w/ Baffle (5500 only)		328008-001
400, w/ Heat Sink and 512K (5500 only)		328700-001
400, w/ Heat Sink and 512K (5500 only)		329839-001
P6/300 Processor w/ Heat Sink (3000 only)		269621-001
400, w/ Heat Sink and 1M		386980-001
400/100 (3000 only)	278309-002	313624-001
450/100 (3000 only)	269609-001	179780-001

P6-Only Memory Modules	Speed	Assembly (5500)	Spare Part
32 MB DIMM EDO/B	60 ns	228468-001	281857-001
32 MB SDRAM		306430-001	317747-001
64 MB DIMM EDO/B	60 ns	228469-001	281858-001
64 MB SDRAM		333143-001	317745-001
64 MB Battery Backup Memory Board		007400-001	340915-001
128 MB DIMM EDO/B	60 ns	228470-001	281859-001
128 MB SDRAM		306431-001	317756-001
256 MB DIMM EDO/B	60 ns	228471-001	281860-001
256 MB SDRAM		306432-001	317749-001
512 MB SDRAM		306433-001	317748-001
Processor Power Module		320327-001	328701-001
Memory Board			270183-001

Backplane Boards	Assembly	Spare Part
Backplane, Hot Plug Drives, PWR	007463-001	306571-001
Backplane, Duplex, Hot Plug, w/ Drive Cage	007460-001	306572-001
	285184-001	
Backplane, w/ Drive Cage (PL3000)	298019-003	328695-001

Controller Boards	Assembly	Spare Part
SMART-2/E Array Controller**	194771	194752-001
SMART-2/P Wide-Ultra Array Controller* **	194799	194754-001
SMART-2/P Array Controller	194770	
SMART-2DH Array Controller	295244	295243-001
SMART-2SL Array Controller	006888	242777-001
Fast-Wide SCSI-2/E Controller	003529	199634-001
Dual-Channel Wide-Ultra SCSI-3 Controller	N/A	295626-001
Wide-Ultra Controller*	003654-002	272515-001
Fast-Wide SCSI-2/P	003654-001	199633-001
NetFlex Controller	002709	142041-001
NetFlex Controller Token Ring Module	142035	142042-001
NetFlex-2 ENET-TR Controller	003382	142222-001
NetFlex-2 DualPort ENET Controller	003101	142151-001
NetFlex-2 TR Controller	003647	199521-001
NetFlex-2 DualPort TR Controller	003104	142195-001

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Controller Boards	Assembly	Spare Part
NetFlex-3/E Controller	004162	169801-001
NetFlex-3/P Controller	004165	169811-003
NetFlex-3 100 Base-TX UTP Module	004183	169805-001
NetFlex-3 100 VG-AnyLAN UTP Module	004189	169803-001
10/100 TX PCI UTP Controller	005139	169849-001
10/100 Ethernet PCI	317607-001	317606-001
10 T, PCI UTP Controller	006064	242501-001
4/16 TR PCI IBM UTP/STP Controller	N/A	199764-001
50-Pin to 68-Pin Adapter (standard to wide) **		189638-001
68-Pin to 50-Pin Adapter (wide to standard) **		189631-001
2 CH PCI, SCSI	340825-001	340855-001

* Ultra speeds not supported externally. Ultra drives will operate at Fast-Wide speeds.

** SMART-2/E & 2/P controllers use adapter 189631.

Miscellaneous Internal	Assembly	Spare Part
Memory Board, 2 GB	006434-001	270183-001
CPU Terminator Board	006624-001	270119-001
Simplex/Duplex Enabler	007479-001	306569-001
Duplex Board, w/ Drive Cage	298019-001	328696-001
	179792-001	
Simplex Board, w/ Drive Cage	298019-002	328695-001
	298019-003	
	250996-001	
Drive Cage, LVD, 10 Drive Compatibility	382161-001	387087-001
VRM, 5-12v, IN, 5-Bit, PL3000	299307-001	299306-001
Voltage Regulator Board, 48W, PL5000	273308-001	296203-001
Voltage Regulator Board, 40W, PL5000		219209-001
Voltage Regulator Board, PL3000	327563-001	327660-001
Integrated Management Display Module	169338-001	271930-001
	169338-002	
Fan Module, Front	296994-001	306576-001
Fan, Redundant	330686-001	326873-001
Fan, Redundant with Bracket	298516-002	
Fan Assembly, Rear	296995-001	306577-001
Memory Buffer Board, EDO	008281-001	328703-001
Standard Peripheral Board, w/ Cable	009772-001	328702-001
	171241-001	
Switch, Interlock, N.O., w/ Header	296184-001	297000-001

Miscellaneous External

See "ProLiant Storage System" section for information on:

- * External hot-pluggable hard drives
- * Stand-By Recovery Server Option and cables
- * On-Line Recovery Server Option and cables

See "SCSI Storage Expander" section for information on:

- * External non-pluggable hard drives
- * External tape drives

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Hard Drives	Assembly	Spare Part
18.2 GB Hot-Pluggable Wide Ultra 1.6" SCSI-3		313764-001
9.1 GB Hot-Pluggable Wide Ultra 1.6" SCSI-3		304866-001
9.1 GB Hot-Pluggable Wide SCSI 1.6"		199888-001
9.1 GB Hot-Pluggable Wide SCSI	313710-001	313715-001
4.3 GB Hot-Pluggable Wide Ultra 1" SCSI-3		304860-001
4.3 GB Hot-Pluggable Wide Ultra 1"		242622-001
4.3 GB Hot-Pluggable FW SCSI-2		199598-001
4.3 GB Hot-Pluggable Fast-SCSI-2		199584-001
2.1 GB Hot-Pluggable Wide Ultra 1"		242603-001
2.1 GB Hot-Pluggable FW SCSI-2 1"		199878-001
2.1 GB Hot-Pluggable FW SCSI-2		199643-001
2.1 GB Hot-Pluggable Fast-SCSI-2		199428-001
1" Drive Tray, SCA Connector*		242801-001
1" Drive Tray, Fast-Wide Connector*		199880-001
1" Drive Tray, Fast-SCSI-2 Connector *		242593-001
1.6" Drive Tray, Fast-Wide Connector		199656-001
1.6" Drive Tray, Fast-SCSI-2 Connector		146781-001

* 1" Drive Tray Kits contain 1" and 1.6" covers without side-springs.

CD-ROM Drives	Assembly	Spare Part
CD-ROM, IDE, 24X	341012-001	328369-001
CD-ROM, IDE, 16X		278791-001
CD-ROM, IDE, 32X, Tray	341219-001	328707-001

Diskette Drives	Assembly	Spare Part
1.44 MB 1/3 Height	184806-101	160788-201
	141087-102	
1.44 MB (standard)		144207-201

Tape Drives	Spare Part	Tape Cartridge	Spare Part
525-MB ACA	142073-001	525 MB QIC Cart.	119504-001
1.2 GB Tape Drive	199615-001	1.2 GB QIC Cart.	199625-001
2/8-GB DAT Clam Gray	142074-001	1.3 GB 60 M DDS1	131167-001
		2.0 GB 90 M DDS1	131148-001
		DAT Cleaning Cart.	131194-001
2/8-GB DAT Beach Gray	142074-201	1.3 GB 60 M DDS1	131167-001
		2.0 GB 90 M DDS1	131148-001
		DDS1 Cleaning Cart.	131194-001
2/4-GB DAT	142074-201	1.3 GB 60 M DDS1	131167-001
		2.0 GB 90 M DDS1	131148-001
		DDS1 Cleaning Cart.	131194-001
4/16-GB TurboDAT Clam Gray	199464-001	4.0 GB 120M DDS2	199496-001
		DDS2 Cleaning Cart.	242618-001
4/16-GB TurboDAT Beach Gray	199464-201	4.0 GB 120M DDS2	199496-001
		DDS2 Cleaning Cart.	242618-001
4/8-GB DAT	295163-001	4.0 GB 120M DDS2	199496-001
		DDS2 Cleaning Cart.	242618-001

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Tape Drives	Spare Part	Tape Cartridge	Spare Part
TurboDAT Autoloader (internal) Clam Gray	199466-001	4 Cartridge Magazine	199467-001
TurboDAT Autoloader (internal) Beach Gray	199466-201	12 Cartridge Magazine	199468-001
10/20 Table Top DLT	199676-001	4 Cartridge Magazine	199467-001
10/20 Internal DLT	199746-001	12 Cartridge Magazine	199468-001
15/30 Table Top DLT	242469-001	10/20 GB Data Cart.	199703-001
15/30 Internal DLT	242468-001	DLT Cleaning Cart.	199705-001
35/70 Table Top DLT	242854-B21	15/30 GB Data Cart.	242467-001
35/70 Internal DLT	242853-B21	DLT Cleaning Cart.	199705-001
		35/70 GB Data Cart.	295394-001
		DLT Cleaning Cart.	199705-001

28.8k-bps Modem

Country	Assembly	Spare Part	RJ-11 Phone Cable	Option
U.S.	223610-002	259214-002	127949-001	259213-001

Cables	Assembly	Spare Part
Misc. Power Cable Kit	169393-005	306566-001
Misc. Power Cable Kit (5500)	283690-001	328708-001
	283685-003	
	171888-002	
	219320-008	
Wide SCSI w/ Term, 3D, 22"		306579-001
Power Switch Cable, w/ LED (5500)	169393-004	328710-001
Power Switch w/ Cable and LED (3000)	169393-005	387738-001
Misc. Signal Cable Kit (5500)	247176-002	328709-001
	199606-010	
	242947-003	
	352346-001	
	340589-003	
	313375-003	
Misc. Signal Cable Kit		306565-001

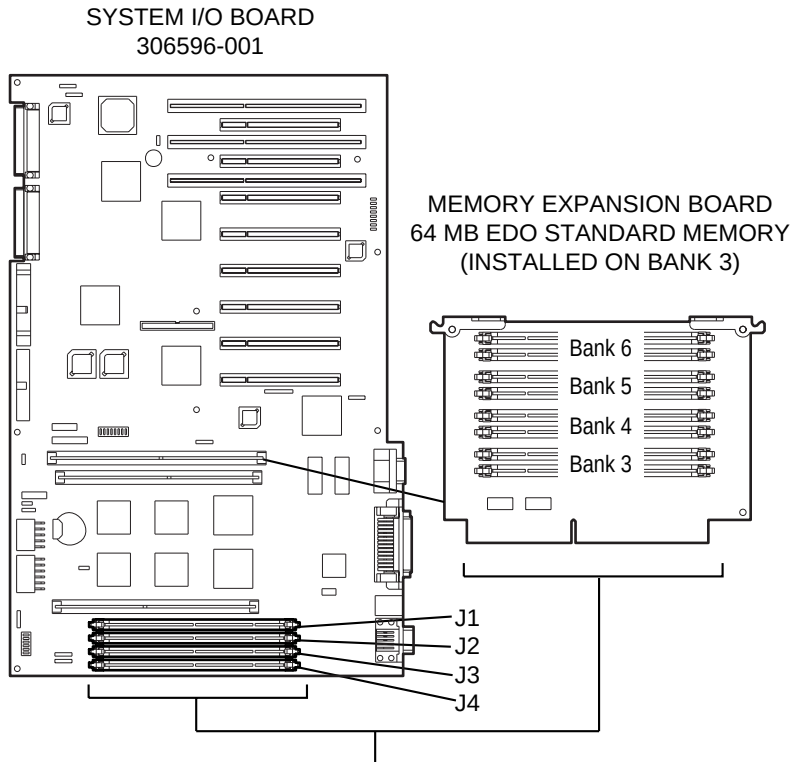
ROM Information	Spare Part
System ROMPaq	143198-001
Option ROMPaq	142207-001
Drive Backplane ROM	146705-001

Battery/Power Supply	Assembly	Spare Part
Battery Alk, 4.5v, 600ma, RTC	160255-001	160274-001
Power Supply, 750 W, H/Plug, RD	169282-002	169286-002
	169490-002	

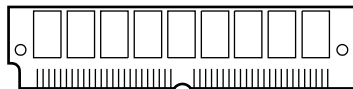
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Memory Upgrade Chart



A MAXIMUM OF 512 MB TOTAL MEMORY DIMMS OF THE SAME SIZE AND SPEED MUST BE ADDED IN PAIRS TO J1 AND J2 ON THE SYSTEM I/O BOARD, THEN BANK 4, THEN TO J3 AND J4 ON THE SYSTEM I/O BOARD, THEN BANK 5, AND THEN BANK 6.



16-MB 60ns DIMMS, EDO - OPTION PN 270172-B21

32-MB 60ns DIMMS, EDO - OPTION PN 271907-001

64-MB 60ns DIMMS, EDO - OPTION PN 271908-001

128-MB 60ns DIMMS, EDO - OPTION PN 281859-001

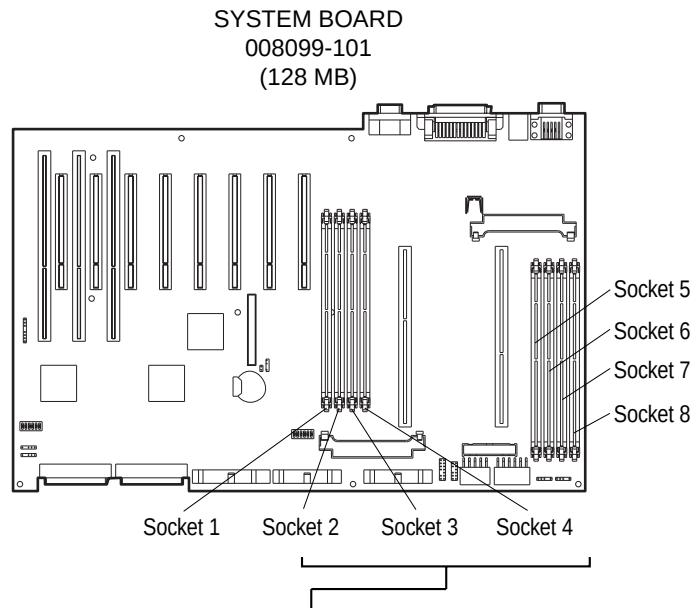
256-MB 60ns DIMMS, EDO - OPTION PN 271910-001

NOTE: Supports 60 ns or faster; EDO 4-K or 8-K refreshed DIMMS
Do not add memory beyond a total of 512 MB. Memory above 512 MB is not cacheable by the Pentium II processor and could impact optimal system performance.

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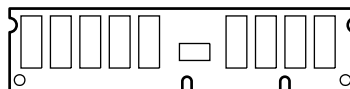
Memory Upgrade Chart



A MAXIMUM OF 4 GB TOTAL MEMORY.

RECOMMENDED INSTALLATION ORDER:

- FIRST SDRAM DIMM - SOCKET 5
- SECOND SDRAM DIMM - SOCKET 1
- THIRD SDRAM DIMM - SOCKET 6
- FOURTH SDRAM DIMM - SOCKET 2
- FIFTH SDRAM DIMM - SOCKET 7
- SIXTH SDRAM DIMM - SOCKET 3
- SEVENTH SDRAM DIMM - SOCKET 8
- EIGHTH SDRAM DIMM - SOCKET 4

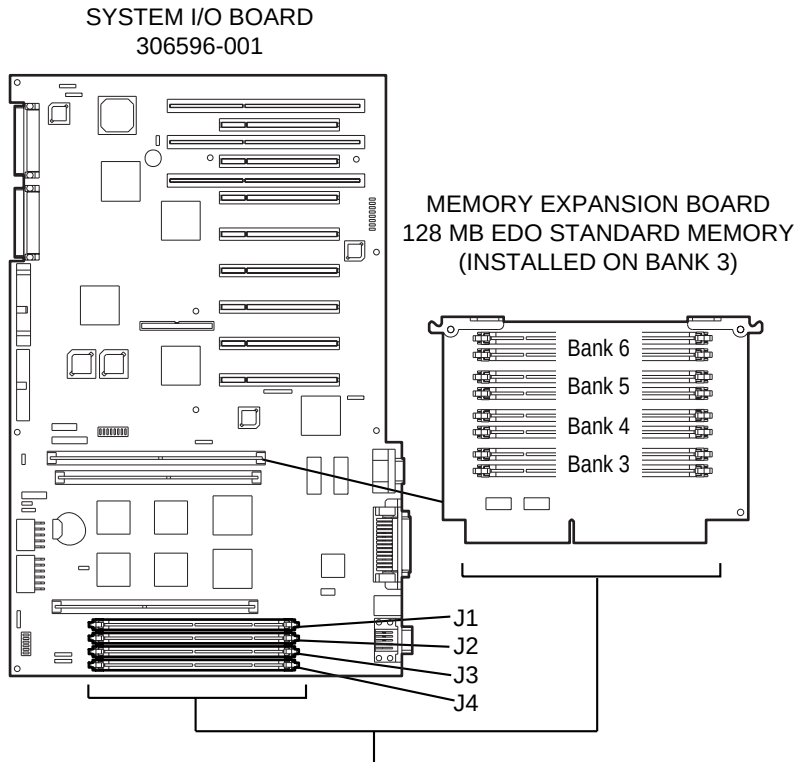


- 32-MB 100MHz SDRAM DIMMs - OPTION PN 313613-B21
- 64-MB 100MHz SDRAM DIMMs - OPTION PN 313614-B21
- 128-MB 100MHz SDRAM DIMMs - OPTION PN 313615-B21
- 256-MB 100MHz SDRAM DIMMs - OPTION PN 313616-B21
- 512-MB 100MHz SDRAM DIMMs - OPTION PN 313617-B21

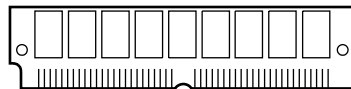
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Memory Upgrade Chart



A MAXIMUM OF 3 GB TOTAL MEMORY DIMMS OF THE SAME SIZE AND SPEED MUST BE ADDED IN PAIRS TO J1 AND J2 ON THE SYSTEM I/O BOARD, THEN BANK 4, THEN TO J3 AND J4 ON THE SYSTEM I/O BOARD, THEN BANK 5, AND THEN BANK 6.



16-MB 60ns DIMMS, EDO - OPTION PN 270172-B21

32-MB 60ns DIMMS, EDO - OPTION PN 271907-001

64-MB 60ns DIMMS, EDO - OPTION PN 271908-001

128-MB 60ns DIMMS, EDO - OPTION PN 271909-001

256-MB 60ns DIMMS, EDO - OPTION PN 271910-001

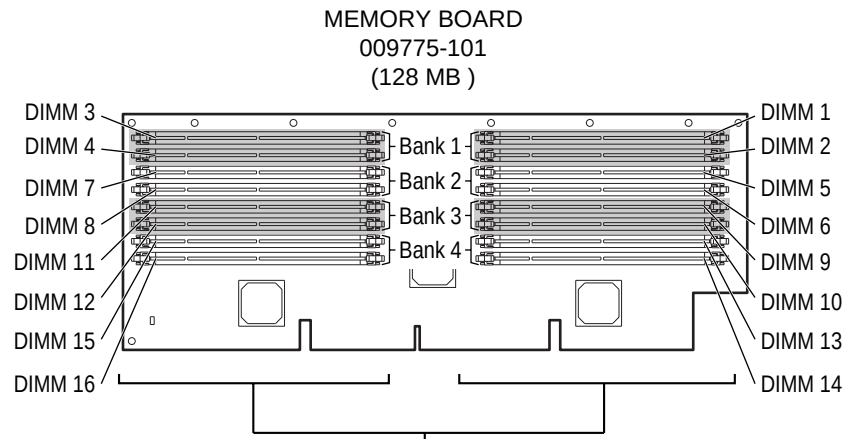
512-MB 60ns DIMMS, EDO - OPTION PN 306541-B21

NOTE: Supports 60 ns or faster; EDO 4-K or 8-K refreshed DIMMS

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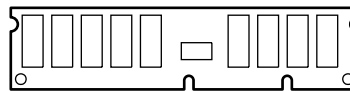
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Memory Upgrade Chart



A MAXIMUM OF 4.0 GB TOTAL MEMORY
A GROUP OF FOUR IDENTICAL DIMMs (SAME
SIZE AND SPEED) MUST BE INSTALLED IN EACH BANK

RECOMMENDED INSTALLATION ORDER:
BANK 1 - DIMM1, DIMM2, DIMM3, DIMM4
BANK 2 - DIMM5, DIMM6, DIMM7, DIMM8
BANK 3 - DIMM9, DIMM10, DIMM11, DIMM12
BANK 4 - DIMM13, DIMM14, DIMM15, DIMM16



32-MB EDO ECC DIMMs - OPTION PN 149023-B21
64-MB EDO ECC DIMMs - OPTION PN 149024-B21
128-MB EDO ECC DIMMs - OPTION PN 149025-B21
256-MB EDO ECC DIMMs - OPTION PN 149026-B21