

ProLiant 3000/5500

System/Processor Boards	Assembly	Spare Part
Processor Board w/ Tray (PL3000 – PII 400 MHz and 450 MHz, PIII 500 MHz and 550 MHz)	008099-001 169347-003	179779-001
Processor Board, Dual P6/200 (PL5500)	006440-001	306562-001
Processor Board, PII 333 (PL3000)		149085-001
Processor Board, PII/300 (PL3000)	007288-102	306563-001
Processor Board, Terminator	179680-001	329271-001
System I/O (ProLiant 3000 – 6/600)	008099-103	155347-001
System I/O (ProLiant 3000 – PIII 550 MHz)	008099-102	146937-001
System I/O w/ Subpan (PL3000 – PII 300 MHz, PII 333 MHz; PL5500 – 200 MHz)	306596-001	306561-001
System I/O, w/ Tray (PL5500 – PII Xeon 400 MHz and 450 MHz, PIII Xeon 500 and 550 MHz)	009775-101 179670-001 179671-001	328699-001

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

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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
550	ON	OFF	OFF	OFF	OFF	OFF
600	OFF	ON	ON	ON		

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	Configuration Code
6/300 (Tower)	300 MHz	BRZ3
6/300 (Rack)	300 MHz	BRZ4
6/200 (Tower)	200 MHz	BRZ1
6/200 (Rack)	200 MHz	BRZ2
6/333 (Tower)	333 MHz	BX61
6/333 (Rack)	333 MHz	BX62
6/400 (Tower), 5500	400 MHz	CCT1
6/400 (Rack), 5500	400 MHz	CCT2
6/400 (Tower), 3000	400 MHz	BVX4
6/400 (Rack), 3000	400 MHz	BVX3
6/450 (Tower), 3000	450 MHz	BVX2
6/450 (Rack), 3000	450 MHz	BVX1
6/450 512 256 EB	450 MHz	BVX5

Continued

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ProLiant 3000/5500 Configuration Codes

Model	Processor	Config. Code
500 MHz/1 MB (Rack), 5500	500 MHz	CQX2
500 MHz/1 MB (Tower), 5500	500 MHz	CQZ2
500 MHz/512K (Rack), 5500	500 MHz	CQW2
500 MHz/512K (Tower), 5500	500 MHz	CQY2
6/500 (Rack), 3000	500 MHz	CMH1
6/500 (Rack), 3000	500 MHz	CMK1
6/500 (Tower), 3000	500 MHz	CMG1
6/500 (Tower), 3000	500 MHz	CMJ1
550 MHz (Rack), 3000 Model 1	550 MHz	CWK1
550 MHz (Rack), 3000 Model Array	550 MHz	CWK2
550 MHz (Tower), 3000 Model 1	550 MHz	CWJ1
550 MHz (Tower), 3000 Model Array	550 MHz	CWJ2
550 MHz/1 MB, 2P, 7U U2 (Rack), 5500	550 MHz	CQX3
550 MHz/1 MB, 2P, U2 (Tower), 5500	550 MHz	CQZ3
550 MHz/512, 7U U2 (Rack), 5500	550 MHz	CQW3
550 MHz/512K, U2 (Tower), 5500	550 MHz	CQY3
600 MHz (Rack), 3000 Model 1	600 MHz	DDM1
600 MHz (Rack), 3000 Model Array	600 MHz	DDM2
600 MHz (Tower), 3000 Model 1	600 MHz	DDL1
600 MHz (Tower), 3000 Model Array	600 MHz	DDL2

Microprocessors	Assembly	Spare Part
400, w/ Heat Sink and 1 MB		386980-001
400, w/ Heat Sink and 512K (5500 only)		328700-001
400, w/ Heat Sink and 512K (5500 only)		329839-001
400/100 (3000 only)	278309-002	313624-001
450/100 (3000 only)	269609-001	179780-001
500 MHz, w/ Heat Sink and 1 MB (5500 only)		122636-001
500/100 uP (3000 only)		114525-001
500/100, w/ Heat Sink and 512K (5500 only)		116313-001
550 MHz, 1 MB Cache (5500)*		122639-001
550 MHz, 2 MB Cache (5500)*		122640-001
550 MHz, 512K Cache (5500)*		122635-001
550/100, PIII uP, w/ Heat Sink (3000)		144573-001
600/100 MHz Processor w/ Heat Sink, PIII (3000)		155592-001
686/200 Processor, 1 MB (5500 only)		296492-001
Heat Sink w/ Baffle (5500 only)		328008-001
Heat Sink w/ Clip (5500 only)		307569-001
P6/200 Processor (5500 only)		270174-001
P6/300 Processor w/ Heat Sink (3000 only)		269621-001

*Requires use of a high airflow rack door. Failure to use will void the warranty. See Options section for airflow ordering part numbers.

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P6-Only Memory Modules	Speed	Assembly (5500)	Spare Part
128 MB 100, SDRAM, PL3000 – PII 400 MHz and 450 MHz, PIII 500 and 550 MHz		306431-001	317756-001
128 MB DIMM EDO/B, PL3000 – PII 300 MHz and PII 333 MHz; PL5500 – 200 MHz, PII Xeon 400 and 450 MHz, PIII Xeon 500 MHz	60 ns	228470-001	281859-001
128 MB DIMM, ECC EDO, PL5500 – PII Xeon 450 MHz	50ns		330740-001
16 MB DIMM EDO, PL3000 – PII 300 MHz and PII 333 MHz; PL5500 – 200 MHz	60ns		289746-001
256 MB 100, SDRAM, PL3000 – PII 400 MHz and 450 MHz, PIII 500 and 550 MHz		306432-001	317749-001
256 MB DIMM EDO/B, PL3000 – PII 300 MHz and PII 333 MHz; PL5500 – 200 MHz and PII Xeon 400 MHz, PIII Xeon 500 MHz	60ns	228471-001	281860-001
256 MB DIMM, EDO, PL5500 – PII Xeon 450 MHz, PIII Xeon 550 MHz	50ns		330741-001
32 MB 100, SDRAM, PL3000 – PII 400 MHz and 450 MHz, PIII 500 and 550 MHz		306430-001	317747-001
32 MB DIMM EDO/B, PL3000 – PII 300 MHz and PII 333 MHz; PL5500 – 200 MHz, PII Xeon 400 and 450 MHz, PIII Xeon 500 MHz	60ns	228468-001	281857-001
32 MB DIMM, EDO, PL5500 – PII Xeon 450 MHz, PIII Xeon 500 and 550 MHz	50ns		386978-001
512 MB 100, SDRAM, PL3000 – PII 400 MHz and 450 MHz, PIII 500 MHz		306433-001	317748-001
64 MB 100, SDRAM, PL3000 – PII 400 MHz and 450 MHz, PIII 500 and 550 MHz		333143-001	317745-001
64 MB Battery Backup Memory Board		007400-001	340915-001
64 MB DIMM EDO/B, PL3000 – PII 300 MHz and PII 333 MHz; PL5500 – 200 MHz, PII Xeon 400 and 450 MHz, PIII Xeon 500 MHz	60ns	228469-001	281858-001
64 MB DIMM, EDO, PL5500 – PII Xeon 450 MHz, PIII Xeon 500 and 550 MHz	50ns		330739-001
Memory Board, 2 GB		006434-001	270183-001

Backplane Boards	Assembly	Spare Part
Backplane, Duplex, Hot Plug, w/ Drive Cage	007460-001 285184-001	328696-001
Backplane, Hot Plug Power Supply	007463-001	306571-001
Backplane, w/ Drive Cage (PL3000)	298019-003	328695-001

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Controller Boards	Assembly	Spare Part
10 T, PCI UTP Controller	006064	242501-001
10/100 Ethernet PCI	317607-001	317606-001
10/100 NIC, PCI	174829-001	174831-001
10/100 TX PCI UTP Controller	005139	169849-001
2 Channel PCI, SCSI	340825-001	340855-001
2 Channel PCI, SCSI, Wide-Ultra2		348759-001
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
Dual-Channel Wide-Ultra SCSI-3 Controller	N/A	295626-001
Fast-Wide SCSI-2/E Controller	003529	199634-001
Fast-Wide SCSI-2/P	003654-001	199633-001
NetFlex Controller	002709	142041-001
NetFlex Controller Token Ring Module	142035	142042-001
NetFlex-2 DualPort TR Controller	003104	142195-001
NetFlex-2 DualPort ENET Controller	003101	142151-001
NetFlex-2 ENET-TR Controller	003382	142222-001
NetFlex-2 TR Controller	003647	199521-001
NetFlex-3 100 Base-TX UTP Module	004183	169805-001
NetFlex-3 100 VG-AnyLAN UTP Module	004189	169803-001
NetFlex-3/E Controller	004162	169801-001
NetFlex-3/P Controller	004165	169811-003
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
Wide-Ultra Controller*	003654-002	272515-001

*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
Cage, LVD, 10 Drive Compatibility, 5500 – PIII	382161-001	387087-001
Xeon 500 and 550 MHz		
CPU Terminator Board	006624-001	270119-001
Duplex Board, w/ Drive Cage	298019-001	328696-001
	179792-001	
Fan Assembly, Rear	296995-001	306577-001
Fan Module, Front	296994-001	306576-001
Fan, Redundant	330686-001	326873-001
Fan, Redundant	330686-001	388058-001
Fan, Redundant w/ Bracket	298516-002	
Integrated Management Display Module	169338-001	271930-001
	169338-002	
Memory Battery Backup, 64 MB		340915-001
Memory Buffer Board, EDO	008281-001	328703-001
Processor Power Module, 48W, PL5000 – 200 MHz	273308-001	296203-001
Processor Power Module, 5-12v, IN, 5-Bit, PL3000 – PII 300 MHz and PII 333 MHz	299307-001	299306-001
Processor Power Module, PL3000 – PII 400 MHz and 450 MHz	327563-001	327660-001

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Miscellaneous Internal	Assembly	Spare Part
Processor Power Module, PL3000 – PIII 500 MHz	330637-001	329267-001
Processor Power Module, PL5500 – PII Xeon 400 MHz and PII Xeon 450 MHz, PIII Xeon 500 and 550 MHz	320327-001	328701-001
Simplex/Duplex Enabler	007479-001	306569-001
Standard Peripheral Board, w/ Cable	009772-001 171241-001	328702-001
Switch, Interlock, N.O., w/ Header	296184-001	297000-001
Voltage Regulator Board (3000 – 600 MHz)		329267-001

Miscellaneous External

See “ProLiant Storage System” section for information on:

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

See “SCSI Storage Expander” section for information on:

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

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

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

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

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

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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 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
2/8 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
2/4 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 Beach Gray	199464-201	4.0 GB 120M DDS2	199496-001
		DDS2 Cleaning Cart.	242618-001
4/16 GB TurboDAT Clam Gray	199464-001	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
10/20 Table Top DLT	199676-001	10/20 GB Data Cart.	199703-001
10/20 Internal DLT	199746-001	DLT Cleaning Cart.	199705-001
15/30 Table Top DLT	242469-001	15/30 GB Data Cart.	242467-001
15/30 Internal DLT	242468-001	DLT Cleaning Cart.	199705-001
35/70 Table Top DLT	242854-B21	35/70 GB Data Cart.	295394-001
35/70 Internal DLT	242853-B21	DLT Cleaning Cart.	199705-001
TurboDAT Autoloader (internal) Beach Gray	199466-201	4 Cartridge Magazine	199467-001
		12 Cartridge Magazine	199468-001
TurboDAT Autoloader (internal) Clam Gray	199466-001	4 Cartridge Magazine	199467-001
		12 Cartridge Magazine	199468-001

28.8 Kb/s 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	
Misc. Signal Cable Kit		306565-001
Misc. Signal Cable Kit (5500)	247176-002	328709-001
	199606-010	
	242947-003	
	352346-001	
	340589-003	
	313375-003	
Power Switch Cable, w/ LED (5500)	169393-004	328710-001
Power Switch w/ Cable and LED (3000)	169393-005	387738-001
Rack		164097-001
Tower		164096-001
Wide SCSI w/ Term, 3D, 22"		306579-001

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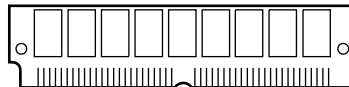
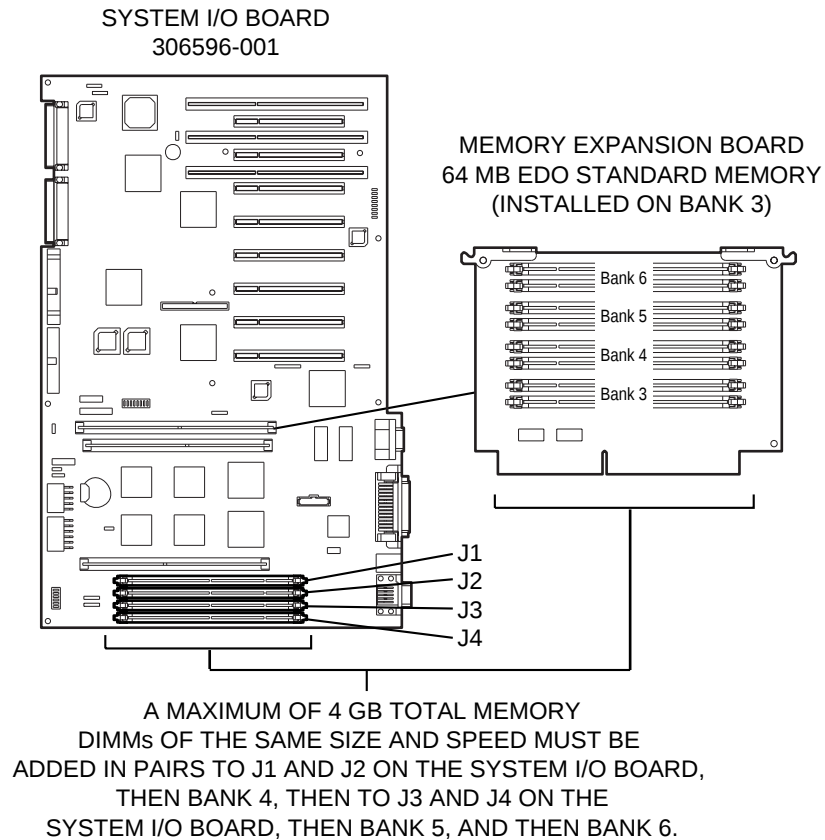
ROM Information	Spare Part
Drive Backplane ROM	146705-001
Option ROMPaq	142207-001
System ROMPaq	143198-001

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



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

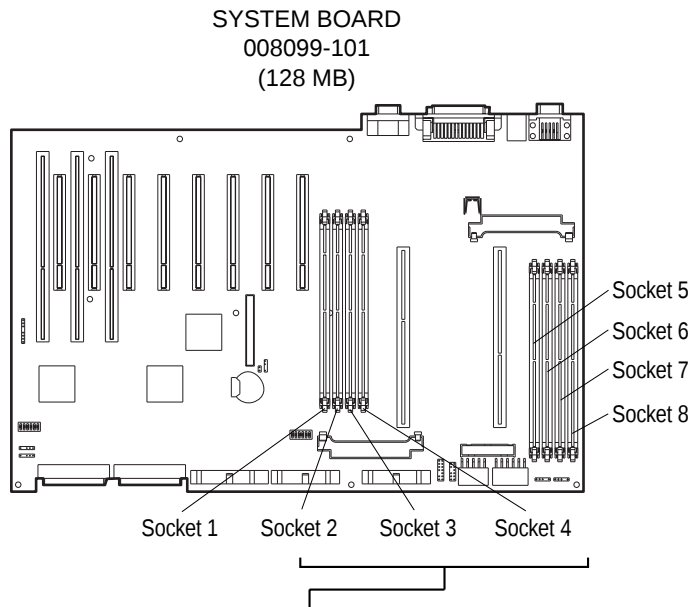
256-MB 60ns DIMMS, EDO - OPTION PN 271910-001

NOTE 1: 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.

NOTE 2: A ProLiant 3000 with a proc speed of 300MHz and below supports
a maximum of 512MB of RAM.

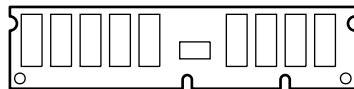
ProLiant 3000/5500

ProLiant 3000 Memory Upgrade Chart



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

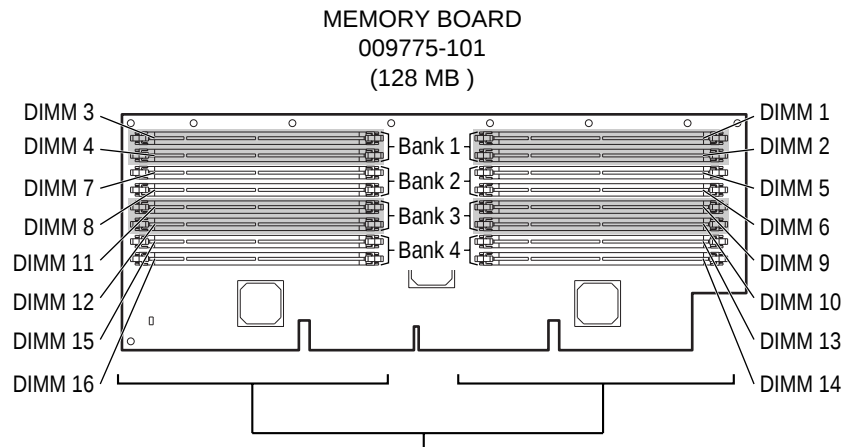


- 32-MB 100MHz SDRAM DIMMs - OPTION PN 313613-B21
- 64-MB 100MHz SDRAM DIMMs - OPTION PN 313614-B21
- 128-MB 100MHz SDRAM DIMMs - OPTION PN 313615-B21
- 256-MB 100MHz SDRAM DIMMs - OPTION PN 313616-B21
- 512-MB 100MHz SDRAM DIMMs - OPTION PN 313617-B21

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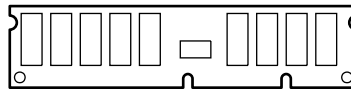
ProLiant 5500

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