

CPU 6-Core			
Opteron 8439SE 6C 2.8GHz 105W 4P 575281-B21	Opteron 8439SE 6C 2.8GHz 105W 4P 575281-B21	Opteron 8425HE 6C 2.1GHz 55W 4P 575259-B21	Opteron 8425HE 6C 2.1GHz 55W 4P 575259-B21
Opteron 8439SE 6C 2.8GHz 105W 4P 575281-B21	Opteron 8439SE 6C 2.8GHz 105W 4P 575281-B21	Opteron 8425HE 6C 2.1GHz 55W 4P 575259-B21	Opteron 8425HE 6C 2.1GHz 55W 4P 575259-B21
Opteron 8431 6C 2.4GHz 75W 4P 575260-B21	Opteron 8431 6C 2.4GHz 75W 4P 575260-B21	Opteron 8431 6C 2.4GHz 75W 4P 575260-B21	Opteron 8431 6C 2.4GHz 75W 4P 575260-B21
Opteron 8431 6C 2.4GHz 75W 4P 575260-B21	Opteron 8431 6C 2.4GHz 75W 4P 575260-B21	Opteron 8431 6C 2.4GHz 75W 4P 575260-B21	Opteron 8431 6C 2.4GHz 75W 4P 575260-B21
QuadCore			
Opteron 8393 SE QC 2.7GHz 535674-B21	Opteron 8393 SE QC 2.7GHz 535674-B21	Opteron 8378 QC 2.4GHz 508201-B21	Opteron 8378 QC 2.4GHz 508201-B21
Opteron 8393 SE QC 2.7GHz 535674-B21	Opteron 8393 SE QC 2.7GHz 535674-B21	Opteron 8378 QC 2.4GHz 508201-B21	Opteron 8378 QC 2.4GHz 508201-B21
Opteron 8389 QC 2.9GHz 535675-B21	Opteron 8389 QC 2.9GHz 535675-B21	Opteron 8376 HE QC 2.3GHz 515101-B21	Opteron 8376 HE QC 2.3GHz 515101-B21
Opteron 8389 QC 2.9GHz 535675-B21	Opteron 8389 QC 2.9GHz 535675-B21	Opteron 8376 HE QC 2.3GHz 515101-B21	Opteron 8376 HE QC 2.3GHz 515101-B21
Opteron 8387 QC 2.8GHz 535676-B21	Opteron 8387 QC 2.8GHz 535676-B21	Opteron 8360 SE QC 2.5GHz 468118-B21	Opteron 8360 SE QC 2.5GHz 468118-B21
Opteron 8387 QC 2.8GHz 535676-B21	Opteron 8387 QC 2.8GHz 535676-B21	Opteron 8360 SE QC 2.5GHz 468118-B21	Opteron 8360 SE QC 2.5GHz 468118-B21
Opteron 8384 QC 2.7GHz 507530-B21	Opteron 8384 QC 2.7GHz 507530-B21	Opteron 8358 SE QC 2.4GHz 468119-B21	Opteron 8358 SE QC 2.4GHz 468119-B21
Opteron 8384 QC 2.7GHz 507530-B21	Opteron 8384 QC 2.7GHz 507530-B21	Opteron 8358 SE QC 2.4GHz 468119-B21	Opteron 8358 SE QC 2.4GHz 468119-B21
Opteron 8381 HE QC 2.5GHz 535677-B21	Opteron 8381 HE QC 2.5GHz 535677-B21	Opteron 8356 QC 2.3GHz 468120-B21	Opteron 8356 QC 2.3GHz 468120-B21
Opteron 8381 HE QC 2.5GHz 535677-B21	Opteron 8381 HE QC 2.5GHz 535677-B21	Opteron 8356 QC 2.3GHz 468120-B21	Opteron 8356 QC 2.3GHz 468120-B21
Opteron 8380 QC 2.5GHz 507528-B21	Opteron 8380 QC 2.5GHz 507528-B21	Opteron 8354 QC 2.2GHz 468121-B21	Opteron 8354 QC 2.2GHz 468121-B21
Opteron 8380 QC 2.5GHz 507528-B21	Opteron 8380 QC 2.5GHz 507528-B21	Opteron 8354 QC 2.2GHz 468121-B21	Opteron 8354 QC 2.2GHz 468121-B21

Memory	
PC2-6400 DDR2-800 w/ECC	8GB (2x4GB) LP RAM 5043C1-B21
PC2-5300 DDR2-667 w/ECC	8GB (2x4GB) LP RAM 497763-B21
PC2-5300 DDR2-667 w/ECC	4GB (2x2GB) DR RAM 497765-B21
PC2-5300 DDR2-667 w/ECC	64GB (40f) (2x8GB) DR 495605-B21
PC2-5300 DDR2-667 w/ECC	16GB (2x8GB) DR RAM 408852-B21
PC2-5300 DDR2-667 w/ECC	8GB (2x4GB) LP DR RAM 493403-B21
PC2-5300 DDR2-667 w/ECC	8GB (2x4GB) DR RAM 408854-B21
PC2-5300 DDR2-667 w/ECC	4GB (2x2GB) DR RAM 408853-B21
PC2-5300 DDR2-667 w/ECC	4GB (2x2GB) LP SR RAM 483401-B21
PC2-5300 DDR2-667 w/ECC	2GB (2x1GB) SR RAM 408851-B21

Hard Drive	
HP SAS SFF	5920B 60 173 545 SFF HP ML04.500.0000-B21
HP SATA SFF SSD	5920B 60 173 545 SFF HP ML04.500.0000-B21
HP SATA SFF SSD	5920B 60 173 545 SFF HP ML04.500.0000-B21
HP SATA SFF SSD	5920B 60 173 545 SFF HP ML04.500.0000-B21
HP SATA SFF SSD	5920B 60 173 545 SFF HP ML04.500.0000-B21
HP SATA SFF SSD	5920B 60 173 545 SFF HP ML04.500.0000-B21

I/O Accelerator	
320GB MLC PCIe x8	600279-B21
160GB SLC PCIe x8	600278-B21

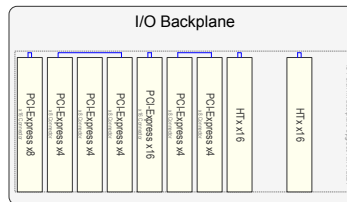
P400i Cache	
256MB P400i Cache	5920B 60 173 545 SFF HP ML04.500.0000-B21
128MB P400i Cache	5920B 60 173 545 SFF HP ML04.500.0000-B21
64MB P400i Cache	5920B 60 173 545 SFF HP ML04.500.0000-B21

Removable	
Slimline CD/DVD-ROM	5920B 60 173 545 SFF HP ML04.500.0000-B21
Slimline DVD-ROM	5920B 60 173 545 SFF HP ML04.500.0000-B21
Slimline DVD/CD-RW	5920B 60 173 545 SFF HP ML04.500.0000-B21

Communication	
HP NC112T PCIe Gig 503746-B21	
HP NC360T PCIe Dual Gig	412048-B21
HP NC364T PCIe Quad Gig	435508-B21
HP NC373F PCIe Gig Multi	594793-B21
HP NC373T PCIe Gig Multi	594791-B21
HP NC382T PCIe Dual Gig Multi	458492-B21
HP NC5225FP PCIe Dual 10GbE	468332-B21

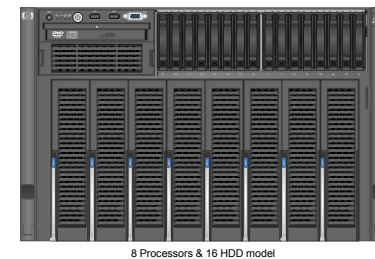
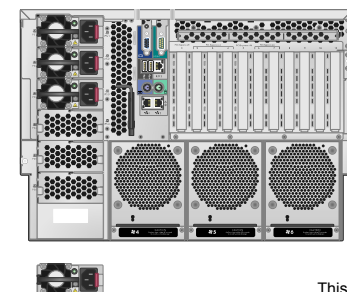
Storage Controller	
RAID Card	FC Card
SmartArray E500/256 435129-B21	SW 818 8Gb Single Port PCIe AP765A
SmartArray P212/2M 462828-B21	SW 828 8Gb Dual Port PCIe AP770A
SmartArray P212/2M 462828-B21 + 256MB BBWC 462969-B21	SW 418 4Gb Single Port PCIe AP767A
SA P212/2M 462828-B21+ 256MB 462969-B21 + BBWC 462969-B21	SW 428 4Gb Dual Port PCIe AP769A
SmartArray P212/256 462834-B21	SW 81E 8Gb PCIe AJ762A
SmartArray P212/256 462834-B21 + BBWC 462969-B21	SW 82E 8Gb Dual PCIe AJ763A
SmartArray P400/256 405132-B21	SW FC2142SR 4Gb PCI-E A8002A
SmartArray P400/256 405132-B21 + BBWC Upgrade 363280-B21	SW FC2142SR 4Gb Dual PCI-E A8003A
SmartArray P400/256 405132-B21 + 512MB BBWC 465148-B21	SW 81Q 8Gb PCI-E AK344A
SmartArray P400/512 BBWC 411084-B21	SW 82Q 8Gb Dual PCIe AJ764A
SmartArray P410/256 462862-B21	SW FC1142SR 4Gb PCI-E AE311A
SmartArray P410/256 462862-B21 + BBWC 462969-B21	SW FC1242SR 4Gb Dual PCI-E AE312A
SmartArray P410/256 462862-B21 + 512MB BBWC 462967-B21	SW CN1000E Dual Port PCIe AW520A
SmartArray P410/256 462862-B21 + 1GB FBWC 534562-B21	SC08Ge PCIe Dual MSA 488765- B21
SmartArray P410/512 BBWC 462864-B21	SC44Ge PCIe Dual x4 SAS 416096-B21
SmartArray P410/512 FBWC 578230-B21	SC11Xe 64/133 Single U320 412911-B21
SmartArray P410/1G FBWC 575332-B21	SW U320e SCSI HBA AH627A
SmartArray P411/256 462830-B21	
SmartArray P411/256 462830-B21 + BBWC 462969-B21	
SmartArray P411/256 462830-B21 + 512MB BBWC 462967-B21	
SmartArray P411/256 462830-B21 + 512MB FBWC 534916-B21	
SmartArray P411/256 462830-B21 + 1GB FBWC 534562-B21	
SmartArray P411/512 BBWC 462832-B21	
SmartArray P411/512 FBWC 578229-B21	
SmartArray P411/1G FBWC 575331-B21	
SmartArray P800/512 BBWC 361513-B21	
SmartArray P812/1G FBWC 487204-B21	

ProLiant DL785 G5 Server Models	
Part Number	Description
AH429A	DL785G5 O3.1SE QC-6MB Cache, 4P, 64GB, P400i/512/BBWC, DVD/CD-RW, 6PS
AH430A	DL785G5 O2.9 QC-6MB Cache, 4P, 32GB, P400i/512/BBWC, DVD/CD-RW, 3PS
AH431A	DL785G5 O2.8 QC-6MB Cache, 4P, 32GB, P400i/512/BBWC, DVD/CD-RW, 3PS
AH424A	DL785G5 O2.4 QC-6MB Cache, 4P, 16GB, P400i/512/BBWC, DVD/CD-RW, 3PS



HPC Cards	
HP IB 4X DDR PCIe Dual 409376-B21	

Pwr Supply	
PS US/ NEMA 430752-B21	



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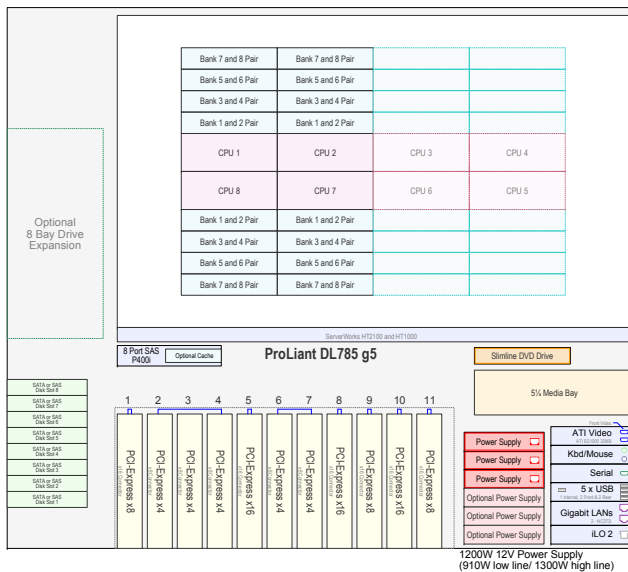
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Additional 8 x SFF SAS Hot-Plug Hard Disk Drives w/ SAS Option Kit AH267A

5920B 60 173 545 SFF HP ML04.500.0000-B21
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5920B 60 173 545 SFF HP ML04.500.0000-B21

8 x SFF SATA/SAS Hot-Plug Hard Disk Drive



Up to 8 AMD Opteron SixCore or QuadCore 2.1GHz to 3.1GHz

Memory expandable to 512GB

Bank 7 and 8 Pair	Bank 7 and 8 Pair
Bank 5 and 6 Pair	Bank 5 and 6 Pair
Bank 3 and 4 Pair	Bank 3 and 4 Pair
Bank 1 and 2 Pair	Bank 1 and 2 Pair
CPU 3	CPU 4
CPU 6	CPU 5
Bank 1 and 2 Pair	Bank 1 and 2 Pair
Bank 3 and 4 Pair	Bank 3 and 4 Pair
Bank 5 and 6 Pair	Bank 5 and 6 Pair
Bank 7 and 8 Pair	Bank 7 and 8 Pair

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