

CPU

12-Core

- Opteron 6176 12C
2.3GHz 12M 80W
635818-B21
- Opteron 6174 12C
2.2GHz 12M 80W
601118-B21
- Opteron 6172 12C
2.1GHz 12M 80W
601113-B21
- Opteron 6164HE 12C
1.7GHz 12M 65W
601116-B21

8-Core

- Opteron 6140 8C
2.6GHz 12M 80W
635818-B21
- Opteron 6136 8C
2.4GHz 12M 80W
601112-B21
- Opteron 6134 8C
2.3GHz 12M 80W
601115-B21
- Opteron 6132HE 8C
2.2GHz 12M 65W
635891-B21
- Opteron 6128 8C
2.0GHz 12M 80W
601111-B21
- Opteron 6128HE 8C
2.0GHz 12M 65W
601110-B21

Memory

RDIMM

- 16GB PC3-8500R 4R
RDIMM 591915-B21
- 8GB PC3-10600R 2R
RDIMM 601911-B21
- 4GB PC3L-10600R 1R
RDIMM 601911-B21
- 3GB PC3-10600R 2R
RDIMM 601911-B21

UDIMM

- 4GB PC3-10600R 2R
UDIMM 601912-B21
- 3GB PC3-10600R 2R
UDIMM 601912-B21

I/O Exp.

Optional Mgmt. Port

Security

TPM 480069-B21

Pwr Supply

- 500W HE NHP P/S
515915-B21
- 750W HE P/S
535853-B21

Hard Drive

| HP SATA LFF | HP SAS LFF | HP SAS SFF |
|--|---|---|
| 2TB 3G 7.2K SATA MDL HDD 507632-B21 | 2TB 6G 7.2K SAS DP MDL HDD 507616-B21 | 1TB 6G 7.2K SAS SFF MDL HDD 603698-B21 |
| 1TB 3G 7.2K SATA MDL HDD 454146-B21 | 1TB 6G 7.2K SAS DP MDL HDD 507614-B21 | 800GB 6G 7.2K SAS SFF HDD 603698-B21 |
| 500GB 3G 7.2K SATA MDL HDD 458928-B21 | 600GB 6G 15K SAS DP ENT HDD 516828-B21 | 400GB 6G 15K SAS SFF HDD 603698-B21 |
| 250GB 3G 7.2K SATA ETY HDD 571230-B21 | 450GB 6G 15K SAS DP ENT HDD 516816-B21 | 140GB 6G 15K SAS SFF HDD 603698-B21 |
| 160GB 3G 7.2K SATA ETY HDD 458945-B21 | 300GB 6G 15K SAS DP ENT HDD 516814-B21 | 70GB 6G 15K SAS SFF HDD 603698-B21 |

| NHP SATA LFF | HP SATA LFF SSD | HP SATA SFF |
|--|---|--|
| 2TB 3G 7.2K SATA MDL HDD 507774-B21 | 120GB 3G SATA LFF MDL SSD 570763-B21 | 1TB 6G 7.2K SATA SFF MDL HDD 603698-B21 |
| 1TB 3G 7.2K SATA MDL HDD 507772-B21 | 60GB 3G SATA LFF MDL SSD 570761-B21 | 400GB 6G SAS 15K SFF HDD 603698-B21 |
| 500GB 3G 7.2K SATA MDL HDD 458941-B21 | 60GB 3G SATA LFF MDL SSD 570761-B21 | 200GB 6G SAS 15K SFF HDD 603698-B21 |
| 250GB 3G 7.2K SATA ETY HDD 571232-B21 | HP SATA SFF SSD | 400GB 6G SAS 15K SFF HDD 603698-B21 |
| 160GB 3G 7.2K SATA ETY HDD 458947-21 | | 200GB 6G SAS 15K SFF HDD 603698-B21 |

Removable

- DVD-ROM 481045-B21
- DVD/CD RW 481047-B21

Storage Controller

| RAID Card | FC Card |
|---|---------------------------------------|
| SmartArray P212/ZM 462828-B21 | SW 81B 8Gb Single Port PCIe AP769A |
| SmartArray P212/ZM 462828-B21 + 256MB 462968-B21 | SW 82B 8Gb Dual Port PCIe AP770A |
| SA P212/ZM 462828-B21 + 256MB 462968-B21 + BBWC 462969-B21 | SW 41B 4Gb Single Port PCIe AP717A |
| SmartArray P212/256 462834-B21 | SW 42B 4Gb Dual Port PCIe AP778A |
| SmartArray P410/256 462834-B21 + BBWC 462969-B21 | SW 81E 8Gb PCIe AJ762A |
| SmartArray P410/256 462862-B21 | SW 82E 8Gb Dual PCIe AJ763A |
| SmartArray P410/256 462862-B21 + BBWC 462969-B21 | SW FC2142SR 4Gb PCIe-A8002A |
| SmartArray P410/256 462862-B21 + 512MB FBWC 534916-B21 | SW FC2242SR 4Gb Dual PCIe-A A8003A |
| SmartArray P410/256 462862-B21 + 1GB FBWC 534952-B21 | SW 81Q 8Gb PCIe-AK344A |
| SmartArray P410/512 BBWC 462864-B21 | SW 82Q 8Gb Dual PCIe AJ764A |
| SmartArray P410/512 FBWC 578230-B21 | SW FC1142SR 4Gb PCIe-AE311A |
| SmartArray P410/1G FBWC 572532-B21 | SW FC1242SR 4Gb Dual PCIe-A E312A |
| SmartArray P411/256 462830-B21 + BBWC 462969-B21 | SW CN1000E Dual Port PCIe AH520A |
| SmartArray P411/256 462830-B21 + 512MB BBWC 462967-B21 | |
| SmartArray P411/256 462830-B21 + 1GB BBWC 534562-B21 | SC08Ge PCIe Dual MSA 488765- B21 |
| SmartArray P411/512 BBWC 462832-B21 | SW U320e SCSI HBA AH627A |
| SmartArray P411/512 FBWC 578232-B21 | SC08e 6Gb PCIe SAS HBA 614988-B21 |
| SmartArray P411/1G FBWC 572531-B21 | |
| SmartArray P812/1G FBWC 487204-B21 | |

Communication

- HP NC112T PCIe Gig 503746-B21
- HP NC360T PCIe Dual Gig
412648-B21
- HP NC365T PCIe Quad Gig
593722-B21
- HP NC373F PCIe Gig Multi
394793-B21
- HP NC373T PCIe Gig Multi
394791-B21
- HP NC375T PCIe Quad Gig
538696-B21
- HP NC382T PCIe Dual Gig Multi
458492-B21
- HP NC5225FP PCIe Dual 10GbE
468332-B21
- HP NC5235FP PCIe Dual 10GbE
593717-B21
- HP NC5505FP PCIe Dual 10GbE
581201-B21
- HP NC5525FP PCIe Dual 10GbE
614203-B21

HPC Cards

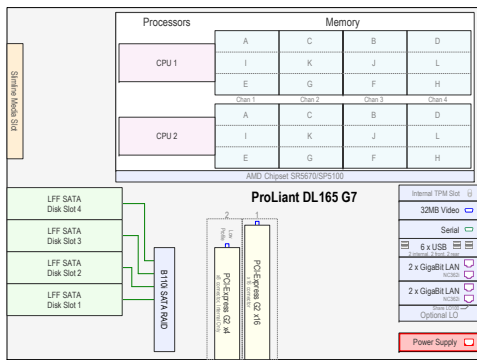
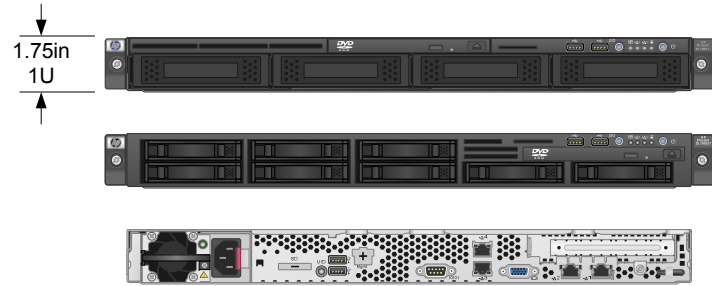
- HP 10GbE PCIe G2 Dual Port NIC
516937-B21
- HP IB 4X DDR PCIe Dual 483513-
B21

ProLiant DL165 G7 Server Models

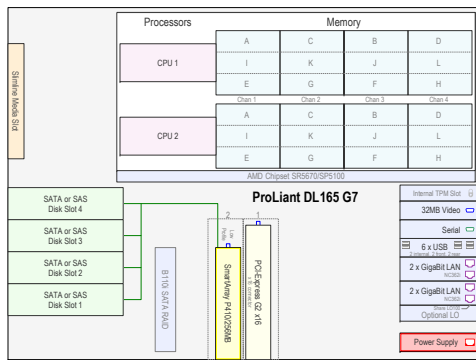
| Part Number | Description |
|-------------|---|
| 590261-xx1 | DL165G7 O2.1GHz 12C-12MB L3 Cache, 2P, 16GB, P410/256/BBWC, 8 SFF, 750W |
| 590260-xx1 | DL165G7 O2.4GHz 8C-12MB L3 Cache, 1P, 8GB, P410, 4 LFF, 500W |
| 590259-xx1 | DL165G7 O2.0GHz 8C-12MB L3 Cache, 1P, 4GB, B110i, 4 LFF, 500W |
| 590258-xx1 | DL165G7 O2.0GHz HE 8C-12MB L3 Cache, 1P, 4GB, B110i, 4 LFF, 500W |

Country Code Key

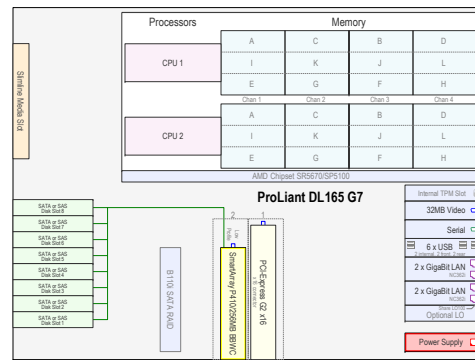
- 001 US
- 291 Japan
- 371 APD
- 421 EURO
- AA1 PRC



Up to 4 Non-Hot/Cold Plug LFF SATA Drives



Up to 4 Hot Plug LFF SATA/SAS Drives



Up to 8 Hot Plug SFF SAS Drives

Up to 2 8Core/12-Core AMD Opteron 6000s CPUs 1.7GHz to 2.6GHz

Memory expandable to 256GB w/RDIMM to 64GB w/UDIMM

500W HE PFC Power Supply

This Visual Solution Document is deemed to be valid and accurate as of the date shown below.

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