



TEMPEST HP ProLiant DL380 Generation 6 (G6) Server

Product Data
Model - DST-205 (Level I)

Description

The API TEMPEST Server, DST-205 is based on the latest HP® ProLiant DL380-G6 server series and meets TEMPEST Level I standards. The DST-205 Server continues to deliver on its heritage of engineering excellence with increased flexibility and performance.

■ Performance

Up to two (2) Intel® Xeon® Processor 5500 series with Intel Turbo Boost technology now allows customized adaptability for optimizing both power consumption and performance based on your needs.

Up to 144GB of DDR3 Memory (800MHz to 1333MHz depending on processor), G6 will support either Registered or Unbuffered DDR3 Memory technology; with 4:1 interleaving, and mirrored memory capability.

Embedded HP® Smart Array P410i with 512MB read cache and BBWC.

■ Management

Insight Control - essential infrastructure management that speeds server deployment, proactively manages health, optimizes power management, and offers control from anywhere – available on DL380 G6 Performance models only.

HP Systems Insight Manager and Insight Remote Support ship with every ProLiant server and delivery fault monitoring, inventory reporting and system software updates as well as an improved support experience for ProLiant servers.

Power Regulator and Power Meter for ProLiant, delivering integrated power monitoring and server level, policy-based power management for energy efficiency and cost savings.

■ Options

- Storage for support of up to sixteen (16) SAS small form factor drives.
- Integrated VMware 3i and Citrix XenServer virtualization technology.
- Integrated Backup options available include RDX160, RDX320 and RDX500 Removable Disk Backup Systems.
- Adaptor option available for interface to LTO Ultrium 1760 drives.

Features

- Certifications:
 - NSTISSAM TEMPEST/1-92 Level I
 - NATO SDIP-27 A standard (formerly AMSG 720B)
- HP® ProLiant On-Board Administrator simplifies server set-up, health monitoring, power and thermal control and lights-out remote administration
- Up to 144GB of DDR3 Memory (800MHz to 1333MHz depending on processor)
- Embedded HP® Smart Array P410i with 512MB read cache and BBWC
- Systems Insight Display saves administrators time with easy to find troubleshooting information at the front of the server-enabling walk-up system diagnostics.
- Industry leading three-year warranty





TEMPEST Enterprise Storage Server

Model - DST-205 (Level I)

Specifications

Processor

Intel® Xeon® Processor-Up to X5570 (2.93 GHz, 8MB L3 Cache, 95W, DDR3-1333, HT, Turbo 2/2/3/3)

Number of processors..... 1 or 2 supported

Processor core available..... Dual or Quad

Cache..... 8 MB (1 x 8 MB) Level 3 cache; 4 MB (1 x 4 MB) Level 3 cache

Chipset..... Intel® 5520 Chipset

Processor front side bus..... 1333/1066/800 MHz Front Side Bus

Memory

Up to 144 GB using PC3-8500R DDR3 registered memory

Advanced Memory Protection

Advanced ECC

Mirrored Memory

Storage

Supports up to 16 SAS small form factor drives

Hard Drives Options

HP® 300GB 6G SAS 10K SFF DP ENT HDD

HP® 300GB 3G SAS 10K SFF DP ENT HDD

HP® 146GB 6G SAS 10K SFF DP ENT HDD

HP® 146GB 3G SAS 10K SFF DP ENT HDD

HP® 146GB 3G SAS 15K SFF DP ENT HDD

HP® 72GB 3G SAS 15K SFF DP ENT HDD

HP® 72GB 3G SAS 10K SFF DP ENT HDD

NOTE: Second drive cage is required for more than eight drives.

Options

Integrated VMware 3i and Citrix XenServer virtualization technology

Integrated Backup options available include RDX160, RDX320 and RDX500 Removable Disk Backup Systems.

Adaptor option available for interface to LTO Ultrium 1760 drives.

Maximum Number of Hard Drives 16 SFF

Note: 8 SFF SAS/SATA HD Bays; optional 8 SFF drive cage (total 16)

Removable Media Bays 1

Storage Controller HP Smart Array P410i embedded controller

Infrastructure Management

HP® ProLiant Onboard Administrator (powered by the HP® Integrated Lights-Out 2 management processor)

HP® Insight Control suite with new Dynamic Power Capping technology

Redundant Fans

Optional Redundant Power Supply

Network Options

Up to 3 Network interface cards with support of 100MB/s SC fiber or 1000MB/s LC filter

Interfaces

Keyboard PS/2 (DB15) 1

USB (DB15) 2

Video (DB25) 1

Serial (DB9) 1

Mouse (DB9) 1

OS Support

Microsoft Windows Server, Microsoft Windows Server Hyper-V, Red Hat Enterprise

Linux (RHEL), Red Hat Enterprise Linux Virtualization, SUSE Linux Enterprise Server

(SLES), SUSE Linux Enterprise Server with XEN, Oracle Enterprise Linux (OEL), Solaris

10 for x86/x64 based Systems, NetWare, VMware, HP Citrix Essentials for XenServer

Physical Specifications

Height (3U) 5.25 inches (8.59 cm)

Depth 29 inches (69.22 cm)

Width 17.53 inches (44.54 cm)

Weight 68 lbs. (30.84 kg)

Form Factor Rackmount

Operating Environment

Temperature

Min. Operating 50° F (10° C)

Max. Operating 95° F (35° C)

Warranty

3-year on parts and labor

Advanced Programs, Inc. is an NSA-endorsed test services facility and an NSA-endorsed TEMPEST manufacturing facility.

Technical Specifications are subject to change without notice. U.S.A. export controls apply to these products. E & OE - 12/10/09

Related Product



TEMPEST DHT-107 KVM Switch



TEMPEST DHT-108 KVM Console



TEMPEST DAT-401 Dual LTO-Tape Rackmount Storage System

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