

Spesification

PROCESSOR - 4 SOCKETS

Intel® Xeon® Scalable Processors

OPERATING SYSTEM

- Windows Server 2012 R2
- Windows Server 2016
- VMware ESXi 6.0 U3
- VMware ESXi 6.5 and U1
- Red Hat Enterprise Linux (RHEL) 6.9 and 7.3
- SUSE Linux Enterprise Server (SLES) 11 SP4 and 12 SP2
- CentOS 6.9 and 7.3
- Citrix XenServer 7.1, 7.3, 7.4
- Oracle Linux 7

CHIPSET

Intel C621

MEMORY

3 types of memory is supported:

- SmartMemory
- Registered (RDIMM)
- Load Reduced (LRDIMM)

48 DIMM Slots, 12 per processor

Maximum Capacity (LRDIMM): 6 TB Maximum Capacity (RDIMM): 1.5 TB Maximum

Capacity (NVDIMM): 384 GB

GRAPHICS

- Integrated Video Standard
- Video modes up to 1920 x 1200@60Hz (32bpp)
- 16MB Video memory
- HPE iLO 5 on system management memory
- 32 MB Flash
- 4 Gbit DDR3 with ECC protection

Compatible Cards:

- HPE NVIDIA Tesla P40 24GB Computational Accelerator
- HPE NVIDIA Quadro P6000 Graphics Accelerator
- HPE NVIDIA Tesla V100 PCIe 16GB Computational Accelerator
- HPE NVIDIA Tesla P100 PCIe 16GB Computational Accelerator

STORAGE

8 SFF Drive Bays Note: Can be expanded up to a maximum of 48 SFF drives with optional HPE DL580 Gen10 8SFF HDD Bay kit.

STORAGE CONTROLLER

- HPE Smart Array S100i SR Gen10 SW RAID

MANAGEABILITY

- HPE Integrated Lights-Out (HPE iLO)
- HPE OneView Standard/Advanced

I/O PORTS

Front:

- 2 x USB 3.0
- 2 x USB 2.0 (optional)
- 1 x Video display port

Rear:

- 1 x Serial
- 1 x VGA
- 2 x USB 2.0
- 2 x USB 3.0

Internal:

- 1 x Micro SD Slot (+ 2 more optional)
- 1 x USB 3.0

CHASSIS

10U Rack Server

H: 6.88" (17.48 cm)

W: 17.54" (44.55 cm)

D: 29.60" (75.18 cm)

SLOTS

Total of 16 PCIe slots

- 8 PCIe 3.0 x16 Slots
- 8 PCIe 3.0 x8 slots

OPTICAL DRIVE

Optional:

- DVD-ROM
- DVD-RW

POWER

Entry Model:

- 4 x 800W

Base Model: 4 x 1600W

Performance Model:

- 4 x 1600W

SECURITY OPTIONS

- UEFI Secure Boot and Secure Start support
- Immutable Silicon Root of Trust

- FIPS 140-2 validation (iLO 5 certification in progress)
- Common Criteria certification (iLO 5 certification in progress)
- Configurable for PCI DSS compliance
- Advanced Encryption Standard (AES) and Triple Data Encryption Standard (3DES) on browser
- Support for Commercial National Security Algorithms (CNSA)
- iLO Security Modes including a New iLO Advance Premium Security Edition License
- Granular control over iLO interfaces
- Smart card (PIV/CAC) and Kerberos based 2-factor Authentication
- Tamper-free updates – components digitally signed and verified
- Secure Recovery – recover critical firmware to known good state on detection of compromised firmware
- Ability to rollback firmware
- Secure erase of NAND/User data
- TPM (Trusted Platform Module) 1.2 option
- TPM (Trusted Platform Module) 2.0 option
- Bezel Locking Kit
- Chassis Intrusion detection option