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NEC

NEC Express5800/T120h-1M

Mid-range Tower Server Bundle

INCLUDES
5 YEAR
WARRANTY
& REMOTE
MANAGEMENT

Provides mid-range performance for SMB virtual server platforms & enterprise branch offices requiring an expandable tower configuration

> Support for the latest Intel® Xeon® Processor Scalable Family

> Up to 1.5 TB of high speed DDR4 memory

> 9 PCIe slots for various needs and future expansion

> Agent-less management with integrated management controller

Overview

The Express5800/T120h, a dual-socket tower / 5U rack mountable server, offers outstanding performance, expandability, and reliability in a compact chassis. Supporting the new high-performance and energy efficient Intel® Xeon®

Processor Scalable Family, high speed DDR4-2666 memory, large storage capacity, and agent-less management capability, the T120h delivers the right balance of performance and features for mid to large enterprise workloads.

Features

Distinguished Performance and Capability

Featuring up to two of the Intel® Xeon® Processor Scalable Family with up to 28-core and 35.75 MB cache, up to 1.5 TB of DDR4-2666 memory, up to nine PCIe Gen 3 slots, and up to 120 TB storage capacity, the T120h is ideal for virtualization of branch-office servers, virtual desktop infrastructure, medium-sized databases, collaboration applications, and ERP systems.

Great Expandability and Reliability

The Express5800/T120h offers great expandability and reliability required to meet your business growth. With nine PCIe Gen3 slots, four integrated gigabit NICs, and up to 24 2.5-inch drive bays or 12 3.5-inch drive bays, the T120h offers flexible network connectivity and superior storage capacity. Also, the redundant storage, fan, and power supply options help improve system uptime.

Cost Savings Through Efficiency

The Express5800/T120h helps to reduce IT expense with NEC's innovative features. The agent-less remote monitoring feature minimizes administrator time and effort of by allowing staff to monitor and receive server status notifications from remote sites without dedicated management software. NEC's unique setup tool, EXPRESSBUILDER, helps reduce the time and effort required for server deployment.

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Hardware Specifications

MODEL	NEC Express5800/T120h
Form factor / height	Tower / 5U Rack
Number of processors	1 to 2
Processor included	4110 (8C/16T, 2.10 GHz, 11MB)
Memory type	DDR4-2666 ECC RDIMM / LRDIMM
Memory slots	24
Memory	16 GB (Expandable to 1.5 TB)
Storage type	Hot plug 2.5-inch SAS HDD / 2 x 1.2 TB SAS HDD
Maximum internal drive bays	2.5-inch drive configuration
Maximum internal storage	120 TB
Removable media	1 bay for optical drive
	2 bays for internal tape drives
Expansion slots (Standard)	4x PCIe x16 Gen 3 2x PCIe x8 Gen 3 2x PCIe x4 Gen 3 1x PCIe x8 Gen 3 12G (2 GB, RAID 0/1/5/6) with BBU
Video (VRAM)	Integrated in the server management controller (16 MB)
Network	4 1000BASE-T plus 1 1000BASE-T for management
Redundant power supply	Optional
Redundant cooling fan	Included
Power supplies	800W 80 PLUS® Platinum certified hot plug PSU AC
Interface	1 VGA, 1 serial, 4 USB3.0, 1 USB2.0, 4 LAN, 1 management LAN
Dimensions (W x D x H) &	174.0 × 648.0 × 462.2 mm / 6.85 x 25.5 x 18.5 in
maximum weight	41 kg / 90.38 lbs
Temperature and humidity conditions (non-condensing)	Operating: 10 to 35 °C / 50 to 95 °F, 8 to 90% Non-operating: -30 to 60 °C / -22 to 140 °F, 5 to 95%
Operating systems & virtualization software	Microsoft® Windows Server® 2012 R2 Standard / Datacenter Microsoft® Windows Server® 2016 Standard / Datacenter
(Purchase seperately)	Red Hat® Enterprise Linux® 7 VMware® ESXi™ 6.5

Note: For Linux support, visit the NEC website at http://www.nec.com/en/global/prod/express/linux/, or contact our sales representative

EMEA (Europe, Middle East, Africa)
NEC Enterprise Solutions
www.nec-enterprise.com

For further information please contact NEC EMEA or: