

The powerful compact tower server

NEC Express5800/T110f-E

RELIABLE AND FLEXIBLE TOWER SERVER FOR SMALL- TO MEDIUM-SIZED BUSINESSES



HIGH PERFORMANCE

FLEXIBILITY & EFFICIENCY

SIMPLIFIED MANAGEABILITY

Flexible and Compact

The Express5800/T110f-E, an affordable yet powerful tower server, delivers essential server features, advanced reliability, and flexibility in a compact chassis. In addition, the T110f-E features a wide range of server and upgrade options for various computing needs. The T110f-E helps to reduce IT expense with NEC's cooling technology which maximizes energy efficiency.

Reliable Computing Solution for SMB

The Express5800/T110f-E, based on the Intel® Xeon® E3-1200 v3 processors, is designed for branch offices of small- to medium-sized businesses. The T110f-E features redundant power supplies and hot-plug drive capability options to increase system reliability, as well as the NEC EXPERSSCOPE Engine which provides extensive management features. The T110f-E is suitable for file/print, collaboration, database, and departmental applications.

High performance

- Support for the latest Intel® Xeon® E3-1200 v3 series 4-core processors for maximum energy efficiency and performance
- Up to 32 GB memory and 16 TB drive capacity—ideal for departmental applications
- RAID controllers supporting PCI express 3.0 to deliver significant I/O performance improvement

Flexibility & Efficiency

- Two choices of power supply units and three choices of drive cage kits to meet system requirements
- NEC's cooling technology and low power-consumption technologies minimize power consumption
- 80PLUS® Platinum or Gold certified high -efficiency power supply units to help minimize energy conversion loss

Simplified manageability

- Integrated EXPRESSSCOPE Engine 3 technology provides extensive remote management capabilities regardless of the status of the server's power or operating system
- NEC's ESMPRO software suite provides centralized server management capabilities as well as advanced power management

HARDWARE SPECIFICATION

MODEL	Express5800/T110f-E
Form factor / height	Mini Tower / 4U Rack
Number of processors	1
Processors	Intel® Celeron® Processor G1820 (2.70 GHz/2-core/2 MB) Intel® Pentium® Processor G3220 (3 GHz/2-core/3 MB) Intel® Core™ i3-4330 Processor (3.50 GHz/2-core/4 MB) Intel® Xeon® Processor E3-1220 v3 (3.10 GHz/4-core/8 MB) Intel® Xeon® Processor E3-1230 v3 (3.30 GHz/4-core/8 MB) Intel® Xeon® Processor E3-1270 v3 (3.50 GHz/4-core/8 MB)
Memory type	DDR3L-1600 ECC UDIMM
Memory slots	4
Maximum memory	32 GB
Storage type	Hot plug 2.5-inch SAS HDD Hot plug 2.5-inch SATA HDD Hot plug 2.5-inch SAS SSD Hot plug 3.5-inch SATA HDD Non-hot plug 3.5-inch SATA HDD
Maximum internal drive bays	4 3.5-inch, 8 2.5-inch
Maximum internal storage	16 TB
Removable media	1 bay for optical disk drive, 2 bays for internal tape drives
Expansion slots	1 PCIe x16 Gen 3, 1 PCIe x4 Gen 2, 2 PCIe x1 Gen 2
Video (VRAM)	Integrated in the server management controller (32 MB)
Network	2 1000BASE-T plus 1 100BASE-TX for management
Redundant power supply	Optional, hot plug
System fans	Standard
Power supplies	Non-hot plug: 400 Watt, Hot plug: 450 Watt
Systems management	EXPRESSSCOPE Engine 3
Interface	1 VGA, 1 to 2 serial, 3 USB 3.0 (plus 1 internal USB 3.0), 3 USB 2.0 (plus 1 internal USB 2.0), 2 LAN, 1 management LAN
Dimensions (W x D x H) and maximum weight	175.0 x 472.0 x 367.0 mm / 6.8 x 18.6 x 14.4 in / 19.0 Kg / 41.88 lbs
Temperature and humidity conditions (non-condensing)	Operating: 10 to 40°C / 50 to 104°F, 20 to 80% Non-operating: -10 to 55°C / 14 to 131°F, 20 to 80%
Operating systems and virtualization software	Microsoft® Windows Server® 2008 x86 Standard / Enterprise Microsoft® Windows Server® 2008 R2 Standard / Enterprise Microsoft® Windows Server® 2012 Standard / Datacenter Red Hat® Enterprise Linux® 5 Red Hat® Enterprise Linux® 6 VMware® ESX™i 5

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

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