

# Ultra-compact tower server

## NEC Express5800/T110g-S

COMPACT AND POWERFUL TOWER SERVER FOR A VARIETY OF BUSINESSES



**COMPACT AND QUIET**

**DUST AND HEAT RESISTANT**

**SUPERIOR MANAGEABILITY**

### Small and Reliable

The Express5800/T110g-S, a flexible slim tower server, delivers essential server features along with enterprise-class reliability and availability in a small footprint chassis. In addition, the T110g-S provides a wide range of server and upgrade options for various computing needs and future business growth. The T110g-S operates in a 40 degree Celsius (104 degree Fahrenheit) and dusty environment to meet the needs of a variety of businesses.

### High-density Compute Power

The Express5800/T110g-S, a single socket tower server built on the latest Intel® Xeon® E3-1200 v3 processors, is designed for branch and remote offices, as well as for stores and factories which require performance, improved reliability, and installation in a small space. The T110g-S is perfectly suited for file/print, collaboration, and infrastructure applications.

## Compact and Quiet

- 13 liter compact chassis, with the latest Intel® Xeon E3-1200 v3 series 4-core processor, supports either tower or desktop orientation to meet a variety of workspace requirements
- NEC's compact liquid cooling system and innovative chassis design provides noise reduction for improved productivity

## Dust and Heat Resistant

- Optional bezel with dust filter blocks micron level airborne particles, such as atmospheric dust and cigarette smoke
- NEC's innovative chassis design and intelligent fan control technology, enables operation at up to 40 degrees Celsius (104 degrees Fahrenheit) without any configuration limitations

## 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/T110g-S
Form factor / height	Slim Tower / 3U Rack
Number of processors	1
Processors	Intel® Pentium® Processor G3240 (3.10 GHz/2-core/3 MB)* Intel® Core™ i3-4350 Processor (3.60 GHz/2-core/4 MB)** Intel® Xeon® Processor E3-1220 v3 (3.10 GHz/4-core/8 MB) Intel® Xeon® Processor E3-1240L v3 (2 GHz/4-core/8 MB)* Intel® Xeon® Processor E3-1231 v3 (3.40 GHz/4-core/8 MB) Intel® Xeon® Processor E3-1271 v3 (3.60 GHz/4-core/8 MB)* Intel® Xeon® Processor E3-1275L v3 (2.70 GHz/4-core/8 MB) * Air cooling model only ** Liquid cooling model only
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 Non-hot plug 3.5-inch SATA HDD
Maximum internal drive bays	2 3.5-inch plus 2 2.5-inch with optical drive cage 4 to 6 2.5-inch with optional drive cage
Maximum internal storage	10.4 TB
Removable media	1 bay for optical disk drive 2 bay for internal removable drive* * One internal removable drive bay is available in liquid cooling models
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
System fans	Standard
Power supplies	250 Watt
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	98.0 x 386.5 x 341.0 mm / 3.9 x 15.2 x 13.4 in 11 kg / 24.25 lb
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 Microsoft® Windows Server® 2012 R2 Standard / Datacenter Red Hat® Enterprise Linux® 5 Red Hat® Enterprise Linux® 6 VMware® ESXi 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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