

## Ultra-compact tower server

# NEC Express5800/T110i-S



## Key Feature

- Support for the latest Intel® Xeon® E3-1200 v6 product family
- Up to 64 GB of high speed DDR4 memory
- 4 PCIe gen3 slots for various needs and future expansion
- Agent-less management with EXPRESSSCOPE Engine 3
- Wide range of operating ambient temperature from 5 to 48°C (41 to 118°F)

## Overview

The NEC Express5800/T110i-S, a reliable single-socket slim tower server, developed with Intel's latest Xeon processors, provides essential server features along with enterprise-class reliability and availability in a small footprint chassis. The T110i-S operates in a 48 degree Celsius (118

degree Fahrenheit) and dusty environments to meet the needs of a variety of businesses. The T110i-S is ideal for branch and remote offices, stores and factories which require installation in limited space.

## Features

### Powerful Performance

The NEC Express5800/T110i-S delivers enterprise-class features with the embedded NEC EXPRESSSCOPE Engine 3 and optional redundant (hot plug) power supply configuration. Featuring the latest Intel Xeon processor E3-1200 v6 product family with 4 cores, the T110i-S delivers strong application performance.

### Compact and Quiet with Heat and Dust Resilience

The Express5800/T110i-S delivers essential server features, flexibility, and enterprise-class reliability in a 13 liter compact chassis, as well as a capability of operation at up to 48 degree Celsius (113 degree Fahrenheit) and optional dust filter to meet a variety of workspace requirements. In addition, NEC's innovative chassis design provides noise reduction for improved productivity.

### Operational Cost Savings and Efficiency

NEC's innovative green design concepts and industry leading fan control technology allows the T110i-S to operate at temperatures up to 48°C (118°F), therefore reducing cooling requirements. In addition, hot plug redundant power supplies with cold-standby mode enable further energy savings. Manage easy setup and deployment with NEC EXPRESSBUILDER and leverage easy management with NEC's EXPRESSSCOPE Engine 3 together with NEC ESM PRO. The extensive remote management capabilities untangle the complexities in operating and maintaining the server to alleviate the burden of administrative tasks.

## Hardware Specifications

MODEL	NEC Express5800/T110i-S
<b>Form factor / height</b>	Slim Tower / 3U Rack
<b>Number of processors</b>	1
<b>Processors</b>	Intel® Pentium® Processor G4560 (3.5 GHz, 2C/4T, 3 MB) Intel® Xeon® Processor E3-1220 v6 (3.0 GHz, 4C/4T, 8 MB) Intel® Xeon® Processor E3-1225 v6 (3.3 GHz, 4C/4T, 8 MB) Intel® Xeon® Processor E3-1230 v6 (3.5 GHz, 4C/8T, 8 MB) Intel® Xeon® Processor E3-1240L v5 (2.1 GHz, 4C/8T, 8 MB) Intel® Xeon® Processor E3-1260L v5 (2.9 GHz, 4C/8T, 8 MB) Intel® Xeon® Processor E3-1270 v6 (3.8 GHz, 4C/8T, 8 MB)
<b>Memory type</b>	DDR4-2400 ECC UDIMM
<b>Memory slots</b>	4
<b>Maximum memory</b>	64 GB
<b>Storage type</b>	Hot plug 2.5-inch SAS HDD Hot plug 2.5-inch SATA HDD Hot plug 2.5-inch SAS SSD Hot plug 2.5-inch SATA SSD Non-hot plug 3.5-inch SATA HDD
<b>Maximum internal drive bays</b>	6
<b>Maximum internal storage</b>	24 TB
<b>Removable media</b>	1 bay for optical drive 2 bay for internal removable drive * <small>* One internal removable drive bay is available in the redundant power supply model</small>
<b>Expansion slots</b>	1 PCIe x16 Gen 3 1 PCIe x4 Gen 3 1 PCIe x2 Gen 3 1 PCIe x1 Gen 3
<b>Video (VRAM)</b>	Integrated in the server management controller (32 MB)
<b>Network</b>	2 1000BASE-T plus 1 1000BASE-T for management
<b>Redundant power supply</b>	Standard, hot plug (except non-redundant power supply model)
<b>System fans</b>	Standard
<b>Power supplies</b>	Non-hot plug: 250 Watt Hot plug: 460 Watt 100-240 VAC ± 10% 50 / 60 Hz ± 3 Hz
<b>Systems management</b>	EXPRESSSCOPE Engine 3
<b>Interface</b>	1 VGA, 1 to 2 serial, 6 USB 3.0 (plus 1 internal USB 3.0), 2 LAN, 1 management LAN
<b>Dimensions (W x D x H) and maximum weight</b>	98.0 x 386.5 x 341.0 mm / 3.9 x 15.2 x 13.4 in 11.5 kg / 25.35 lbs
<b>Temperature and humidity conditions</b>	Operating: 5 to 40 °C / 41 to 104 °F or 5 to 48°C / 41 to 118 °F (Optional), 10 to 85% Non-operating: -10 to 55 °C / 14 to 131 °F, 10 to 85%
<b>Operating systems and virtualization software</b>	Microsoft® Windows Server® 2008 R2 Standard / Enterprise Microsoft® Windows Server® 2012 Standard / Datacenter Microsoft® Windows Server® 2012 R2 Standard / Datacenter Microsoft® Windows Server® 2016 Standard / Datacenter Red Hat® Enterprise Linux® 7 VMware® ESXi™ 6.0 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

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