Empowered by Innovation

NEC

Ultra compact server

NEC Express5800/GT110d-S

RELIABLE AND COMPACT TOWER SERVER FOR A VARIETY OF BUSINESSES









ENERGY STAR

80 PLUS SILVER

intel inside Xeon

ULTRA COMPACT

WHISPER QUIET

HEAT & DUST RESISTANT

FULL REMOTE MANAGEABILITY

Value server for a variety of businesses

The Express5800/GT110d-S is a reliable, slim tower server. This single processor server provides essential features at an affordable price and is designed for easy set up. Its compact form factor and silent operation is perfect for library space and small offices. The optional bezel allows placement in dusty environments to make it suitable for retail locations and factory automation control systems.

Advanced system management

NEC Express5800 series servers come standard with a complete remote management suite—EXPRESSSCOPE baseboard management controller and ESMPRO server management software. The suite enables administrators to monitor, control and troubleshoot from a graphical remote console without the need to be onsite. The remote functionalities significantly simplify server management and help proactively maintain server health to maximize availability and operational efficiency for better TCO.

Compact and quiet

- 13 liter chassis fits compactly in limited work space
- Choice of tower and desktop placement enables flexible installment
- 32dB low-noise operation in 25°C environment (liquid cooling heat sink model)

Heat & dust resistant

- Optional bezel with dust filter blocks micron level airborne particles, such as atmospheric dust, cigarette smoke and clay.
- Suits environments without sufficient cooling—functions in maximum 40°C or 104°F ambient temperature

Full remote manageability

- Integrated EXPRESSSCOPE Engine 3 technology enables remote control of the system regardless of the type or status of the OS.
- The EXPRESSBUILDER and ESMPRO Suite enables installation, configuration, and remote monitoring with ease.

HARDWARE SPECIFICATION

MODEL	Express5800/GT110d-S
Processors	Number of processor: 1 Air cooling model: Intel® Xeon® Processor E3-1220 (3.10 GHz/4-core/8 MB) Intel® Pentium® Processor G630 (2.70 GHz/2-core/3 MB) Liquid cooling model: Intel® Core™ i3-2120 (3.30 GHz/2-core/3 MB)
Memory	DDR3-1333 unbuffered DIMM Max.: 32 GB (4 x 8 GB)
Maximum storage	3.5-inch SATA: 6 TB (2 x 3 TB) 2.5-inch SAS: 4.5 TB (5 x 900 GB)*1 2.5-inch SATA: 5 TB (5 x 1 TB)*2 2.5-inch SSD: 500 GB (5 x 100 GB)*3 **For liquid cooling model: *1 2.7 TB, *2 3 TB, *3 300 GB**
Removable media	1 bay for slimline optical disk drive 1 bay for internal tape drive
Expansion slots	Total: 4 or 2 slots 1 PCIe 2.0 x16 (x16 connector) ***Air cooling model only** 2 PCIe 2.0 x4 (x8 connector) 1 32 bit/33 MHz PCI ***Air cooling model only**
Video	Integrated in the Server Management Controller (32 MB)
Network	2 1000BASE-T/100BASE-TX/10BASE-T + 1 100BASE-TX for management
Power consumption	221 VA / 220 Watt (max., at 100 VAC)
System fans	Standard
Management	Remote management: EXPRESSSCOPE Engine 3 (Integrated remote media and KVM over IP) Configuration software: EXPRESSBUILDER Administration software: ESMPRO
Interface	1 VGA, 1 serial, 8 USB2.0 (2 front, 4 rear, 2 internal), 2 1000BASE-T, 1 management LAN
Dimensions (W x D x H) and weight	93.0 x 386.5 x 363.0 mm / 3.8 x 15.2 x 14.3 in Max.: 12 kg / 26.46 lb
Temperature and humidity condition (non-condensing)	Operating: 10 to 40°C / 50 to 104°F , 20 to 80% Non-operating: -10 to 50°C / 14 to 122°F, 20 to 80%
Operating systems and virtualization software	Microsoft® Windows Server® 2003 R2, Standard Edition (SP2 or later) Microsoft® Windows Server® 2003 R2, Standard x64 Edition (SP2 or later) Microsoft® Windows Server® 2008 Standard Microsoft® Windows Server® 2008 Standard (x64) Microsoft® Windows Server® 2008 Enterprise Microsoft® Windows Server® 2008 Enterprise (x64) Microsoft® Windows Server® 2008 R2 Standard Microsoft® Windows Server® 2008 R2 Enterprise Red Hat® Enterprise Linux® 5.6 or later Red Hat® Enterprise Linux® 5.6 or later (EM64T) VMware® ESX™i 5.0

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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