

The ideal first server

# EXPRESS5800/GT110d

RELIABLE AND AFFORDABLE TOWER SERVER FOR SMALL BUSINESSES



**HIGH PERFORMANCE**

**ENERGY SAVING**

**WHISPER QUIET**

**FULL REMOTE MANAGEABILITY**

## Value server for SMB

The EXPRESS5800/GT110d is an entry level mini-tower server. This single processor server provides essential features at an affordable price and is designed for easy setup and whisper quiet operation. Perfectly suitable for budget- and energy-conscious businesses with small offices and shops.

## Advanced system management

NEC EXPRESS5800 series servers come standard with a complete remote management suite—EXPRESSSCOPE baseboard management controller and ESM PRO 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.

## High performance

- Support for Intel® Xeon® Quad-Core Processor (E3-1200 Family)
- Up to 32GB main memory
- Up to 8TB disk space

## Energy saving

- Optimized to lower power consumption
- Maximum 40°C or 104°F operating temperature to reduce cooling cost
- 80 PLUS® Gold highly efficient power supply and power capping function

## 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
Processors	Number of processor: 1 Intel® Xeon® Processor E3-1220 (3.10GHz/4C/8MB) Intel® Pentium® Processor G620 (2.60GHz/2C/3MB)
Memory	DDR3-1333 Unbuffered DIMM Max.: 32GB (4 x 8GB)
Maximum storage	3.5-inch SATA: 8TB (4 x 2TB) 2.5-inch SAS: 1.2TB (4 x 300GB) 2.5-inch SATA: 4TB (4 x 1TB) 2.5-inch SSD: 400GB (4 x 100GB)
Removable media	1 bay for slimline optical disk drive 2 bays for internal tape drives
Expansion slots	Total: 4 slots 1 x PCIe 2.0 x16 (x16 connector) 2 x PCIe 2.0 x4 (x8 connector) 1 x 32 bit/33 MHz PCI
Video	Integrated in Server Management Controller (32MB)
Network	2 x 1000BASE-T/100BASE-TX/10BASE-T + 1 x 100BASE-TX for management
Power consumption	239VA/237W (max., at 100V)
System fans	standard
Management	Remote management: EXPRESSSCOPE Engine 3 (Integrated remote media and KVM over IP) Configuration software: EXPRESSBUILDER Administration software: ESMPRO
External interfaces	1 x display (15-pin mini D-sub), 1 x serial (9-pin D-Sub), 8 x USB2.0 (2 x front, 4 x rear, 2 x internal), 2 x 1000BASE-T (RJ-45), 1 x management LAN (RJ-45)
Dimensions (W x D x H) and weight	175.0 x 418.0 x 364.0 mm (6.9 x 16.5 x 14.3 in) Max.: 18kg (38.58lb)
Temperature and humidity conditions	During operation: 10 to 40°C / 20 to 80% (non-condensing) When stored: -10 to 50°C / 20 to 80% (non-condensing)
Operating systems	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)

Note : For Linux support, go to the NEC website at [www.nec.com/express](http://www.nec.com/express), or contact your local NEC sales office

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