Empowered by Innovation NEC

The ideal first server

NEC Express5800/GT110d

RELIABLE AND AFFORDABLE TOWER SERVER FOR SMALL BUSINESSES







ENERGY STAR

80 PLUS GOLD

intel inside Xeon

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 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.

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 (3.10 GHz/4-core/8 MB) Intel® Pentium® Processor G630 (2.70 GHz/2-core/3 MB) Intel® Celeon® Processor G530 (2.40 GHz/2-core/2 MB)
Memory	DDR3-1333 Unbuffered DIMM Max.: 32 GB (4 x 8 GB)
Maximum storage	3.5-inch SATA: 12 TB (4 x 3 TB) 2.5-inch SAS: 1.2 TB (4 x 300 GB) 2.5-inch SATA: 4 TB (4 x 1T B) 2.5-inch SSD: 400 GB (4 x 100 GB)
Removable media	1 bay for slimline optical disk drive 2 bays for internal tape drives
Expansion slots	Total: 4 slots 1 PCIe 2.0 x16 (x16 connector) 2 PCIe 2.0 x4 (x8 connector) 1 32 bit/33 MHz PCI
Video	Integrated in the Server Management Controller (32 MB)
Network	2 1000BASE-T/100BASE-TX/10BASE-T + 1 100BASE-TX for management
Power consumption	239 VA / 237 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
External interfaces	1 display (15-pin mini D-sub), 1 serial (9-pin D-Sub), 8 USB2.0 (2 front, 4 rear, 2 internal), 2 1000BASE-T (RJ-45), 1 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.: 18 kg (38.58 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

©Copyright 2012 NEC Corporation. The information and specification contained in this publication are subject to modification without prior notice. Microsoft and Windows Server are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. Intel, Intel Logo, Pentium, Pentium Inside, Xeon, and Xeon Inside are trademarks of Intel Corporation in the U.S. and/or other countries. Linux is a trademark of Linus Torvalds. Red Hat is a registered trademark of Red Hat, Inc. in the U.S. All other names of products and brands cited are the property of their respective owners. NEC declines all responsibility in the case of photographic or typing errors.

Cat. No. E99-12020004E
GT110d March 2012

NEC Corporation
www.nec.com

Windows Server 2008 R2 redhat

Asia (APAC)
NEC Corporation

7-1, Shiba 5-chome Minato-ku
Tokyo 108-8001 Japan

www.nec.com/express

Europe (EMEA)
NEC France
IT Platform Solutions Division

29, rue des Hautes Pâtures
92737 Nanterre Cedex France
+33 1 46 49 46 49

www.nec-itplatform.com

North America
NEC Corporation of America
Information Technology Group

2880 Scott Blvd.
Santa Clara, CA 95050 U.S.
+1 866 632 3226

www.necam.com/servers

Empowered by Innovation NEC