

The right-sized edge-of-service server

NEC Express5800/E110d-1

RELIABLE AND ENERGY SAVING RACK SERVER FOR PUBLIC DATACENTERS



ENERGY EFFICIENT

SMART INSTALLMENT

FULL REMOTE MANAGEABILITY

Value server for public datacenters

The Express5800/E110d-1 is an entry level 1U rack server. This single processor server provides essential server features at an affordable price and is designed for easy system deployment. Perfectly suited for single application servers and edge-of-network applications.

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.

Energy efficient

- Intelligent fan control to optimize fan rotation and minimize cooling power
- Power capping feature provided as standard to control power consumption for each server
- 80 PLUS® Gold certified power supply for highly efficient AC/DC conversion

Smart installment

- Tool-free slide rail kit helps mount the server into a rack frame without any complexities
- The chassis depth of 62 cm (24.4 in) enables installation into general rack cabinets

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/E110d-1
Processors	Number of processor: 1 Intel® Celeron® Processor G530 (2.40 GHz/2-core/2 MB) Intel® Xeon® Processor E3-1260L (2.40 GHz/4-core/8 MB)
Memory	DDR3-1333 Unbuffered DIMM Max.: 32 GB (4 x 8 GB)
Maximum storage	3.5-inch SATA: 4 TB (4 x 3 TB)
Removable media	-
Expansion slots	Total: 2 slots 1 PCIe 2.0 x8 (x16 connector) 1 PCIe 2.0 x8 (x8 connector)
Video	Integrated in the Server Management Controller (32 MB)
Network	2 1000BASE-T/100BASE-TX/10BASE-T + 1 100BASE-TX for management
Power consumption	207 VA / 206 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	1U, 444.0 x 615.2 x 43.6 mm (17.5 x 24.2 x 1.7 in) Max.: 18 kg (39.68 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	Microsoft® Windows Server® 2003 R2, Standard Edition (SP2 or later) Microsoft® Windows Server® 2003 R2, Standard x64 Edition (SP2 or later) Microsoft® Windows Server® 2003 R2, Enterprise Edition (SP2 or later) Microsoft® Windows Server® 2003 R2, Enterprise 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 <http://www.nec.com/global/prod/express/linux/>, or contact our sales representative

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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