

Workstation

NEC Express5800/53La



Highly reliable and powerful workstation in a stylish, 93mm slim form factor that fits comfortably on the desk along with books and files

Take your IT infrastructure to the next level with NEC's proven IT platform

Key Features and Benefits

● Compact and highly reliable workstation

- Powered by the latest Intel® Core™ and Pentium® processor to deliver robust computing for simultaneously running multiple heavy-load applications
- DDR3-1333 SDRAM DIMM with ECC expandable up to 16GB
- OS Support: Microsoft® Windows® 7 Professional, Windows® XP Professional
- Full high-definition (HD) 1920x1080 resolution display support by embedded graphics controller; multiple display support
- Onboard RAID to avoid risks caused by HDD failures (e.g. data loss and operation interruption) for high reliability
- High functionality workstation in a compact, 93mm slim form factor taking up minimal desk space. Capable of vertical and horizontal placement

● Simplified deployment and management

- The EXPRESSBUILDER setup support tool provides step-by-step guides via intuitive graphic interface and automates the setup process with the Express Setup function, dramatically reducing hands-on management of the server

Ideal Environments and Applications

- Enterprises interested in using the same system configuration for a longer time frame without system review: specific 53La configurations are scheduled for long term supply to address needs of enterprises to save system review costs and allow stable system management
- 24 x 7 operation at retail outlets and integration into industrial systems
- High reliability use in the medical field as terminals for digital medical records

Product Specifications

Processors

Number of processors: 1
Intel® Core™ i5 processor 660 (3.33GHz, 2C, 4MB L3 cache)
Intel® Core™ i3 processor 540 (3.06GHz, 2C, 4MB L3 cache)
Intel® Pentium® processor G6950 (2.80GHz, 2C, 3MB L3 cache)

Memory

DDR3-1333 SDRAM unbuffered DIMM with ECC
Up to 16GB with 4 x 4GB DIMMs

Maximum internal storage

3.5-inch SATA, 2TB (2 x 1TB)
Supported hard disk drives: 160GB, 250GB, 500GB, 1TB

Optical disk drive

DVD-ROM or DVD-Super Multi

Expansion slots

Total:4 slots available for user configuration
1 x PCI Express (x16)
1 x PCI Express (x4)
1 x PCI Express (x1)
1 x PCI (32bit/33MHz)

Graphics

Integrated Intel® HD Graphics (embedded in CPU)
Max: 128MB (shared with system memory)

Audio

Intel® High Definition Audio compliant sound controller, integrated monaural speaker

Network

1 x 1000BASE-T/100BASE-TX/10BASE-T (Wake-on LAN and PXE boot supported)

Power consumption

230VA / 225W

External interfaces

1 x VGA, 1 x keyboard, 1 x mouse, 2 x serial,
8 x USB2.0 (front x 2, rear x 6), 1 x line in, 1 x line out, 1 x 1000BASE-T

Dimensions and weight

93W x 387D x 387H mm (tower orientation)
190W x 387D x 387H mm (tower orientation, including stabilizer)
368W x 387D x 98H mm (horizontal orientation)
Max: 9kg

Operating systems

Genuine Microsoft® Windows® 7 Professional 32bit
Genuine Microsoft® Windows® 7 Professional 64bit
Genuine Microsoft® Windows® XP Professional SP3

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<http://www.nec.com/express/>

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