

NEC Express5800/51Lf

- **Features Intel® Core™ 2 Duo Processor for energy-efficient performance**
- **Delivers high-speed graphics performance at an affordable price**
- **Housed in an 88mm slim chassis**



Product Highlights

The NEC Express5800/51Lf is a slim workstation featuring **Intel® Core™ 2 Duo, Pentium®, or Celeron® processor.**

Based on Enhanced Intel® Core™ microarchitecture, the Core 2 Duo processor E7400 is designed to boost processing power and energy efficiency significantly over previous single- and dual-core processors.

The 88mm slim chassis accommodates **up to two Serial ATA (3Gb/s) hard disk drives, with a maximum capacity of 500GB** (250GB x2). Installable disk capacities are 160GB and 250GB. **RAID 0 and 1** is supported as standard.

Advanced visualization is achieved by an optionally available **NVIDIA Quadro NVS 290** graphics card supporting PCI EXPRESS™ x16 interface.

The 51Lf offers a choice of two optical drives: **CD-RW/DVD-ROM combo or DVD Super MULTI drive.** The Super MULTI drive supports DVD-RAM and enables reads and writes of data files for large-volume backup and storage just by drag and drop without any write software.

Along with **Microsoft® Windows® XP Professional**, the 51Lf supports **Microsoft® Windows Vista® Business** that provides expanded memory space so as to enable high-speed processing of and access to a large amount of data.

Housed in an easy-to-handle slim chassis with a tool-free removable slide cover, the 51Lf helps reduce the time for addition of hard drives and on-site maintenance.

NEC ESMPRO, bundled for easy system management, monitors and controls system operation from a remote console, and assists the system administrator in troubleshooting.

For simple system installation, **NEC EXPRESSBUILDER** is attached as an installation support tool.

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Hardware Specification



Processors	Intel® Core™ 2 Duo processor E7400 (2.80GHz/1066MHz FSB/3MB L2 cache) Intel® Pentium® processor E2160 (1.80GHz/800MHz FSB/1MB L2 cache) Intel® Celeron® processor 440 (2GHz/800MHz FSB/512KB L2 cache)
No. Of CPU	1
Chipset	Intel® Q35 Express
Memory	DDR2-800 SDRAM (PC2-6400) unbuffered
	Installable Memory
	512MB / 1GB / 2GB
	Max
	4GB (2GB x2)
Internal HDD	Max
	500GB (250GB x2)
	I/O
	Serial ATA (3Gb/s)
	RAID
	Integrated (LSI Embedded MegaRAID)
FDD	3.5" x1, 2-mode (720KB/1.44MB)
ODD	CD-RW/DVD-ROM combo DVD Super MULTI
Network	10/100/1000BASE-T x1
Device Bays [Free]	5.25" x1[0], 3.5" x1[0]

Disk Drive Bays [Free]	2[2]
Expansion Slots	PCI Express (x16) : 1 PCI Express (x1) : 1 32bit/33MHz (5V) : 1
Graphics	Standard: Intel® GMA 3100 (287MB) Option: NVIDIA Quadro NVS 290 (128MB)
Power Supply	AC100V-240V±10%, 50/60Hz±1Hz
Power Consumption	257VA/190W (Max.)
External Interface	Front
	USB2.0 x2 Phone x1, MIC x1
	Rear
	Video x1, Serial x1, Parallel x1 Keyboard x1, Mouse x1 USB2.0 x4, LAN x1 Line In x1, Line Out x1
Chassis	Slim type
Weight	Max. 9Kg
Dimension	88W x 327D x 345H mm (not including stabilizer)
Support OS	Microsoft® Windows Vista® Business (SP1) Microsoft® Windows® XP Professional (SP2/SP3) Microsoft® Windows® XP Professional x64 Edition

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