

NEC HPC 144Rc-1 SERVER

Description

NEC is one of the first worldwide vendors offering enterprise-class servers supporting **Quad-Core Intel Xeon Series 5400** processors (code named Harpertown) with 1600 FSB.

The NEC HPC 144Rc-1 is **two servers in a one 1U chassis**. This offers the same density as a blade solution with the flexibility of 1U commodity servers. With the shared power supply this allows a highly effective usage of space and power.

The up to **64 GB memory** footprint enables most applications to run faster or support more users than other systems.

Combining the new performance features with **NEC OSCAR Pro** cluster management tools results in an extremely flexible platform for building small to big compute clusters delivering cost effective, horizontally-scalable services and solutions for High Performance Computing.



NEC HPC 144Rc-1 is offering :

- Four socket / 16 CPU-cores in 1U
- Higher memory clock rates
- Increased bus speeds
- Easy deployment and management
- Excellent I/O scalabilities
- Optimized density for large performance
- The best Price / Performance ratio

Main features

- 2x Dual 64-bit performance in a **1U**
- 2x Two hot-swap SATA2 drive bays
- 2x 32 GB of Fully Buffered DDR2 667/800 Registered ECC memory
- 2x Two Gigabit Ethernet ports
- 2x PCI-Express x16 (Gen2)
- 2x On-board InfiniBand SDR/DDR
- 2x IPMI 2.0 plus KVM over LAN
- 1 shared fixed PSU (980 W) with PFC



