HP Integrity rx2800 i6

MISER Workstation / Server

HSQ TECHNOLOGY

Technical Summary

Key Features

◇ 4-Core 1.73 GHz Processor
◇ 4-Port 1GbE LAN
◇ 8-Port Serial Attached SCSI Controller
◇ 4 USB Ports (2 front, 2 rear)
◇ 2 VGA Ports (1 front, 1 rear)
◇ 1 RS-232 Port
◇ SATA DVD Optical Drive
◇ Rackmount and Free-Standing options
◇ Redundant Power Supply option
◇ RAID 0, 1, 5, 6, and 10 capabilities
◇ ENERGY STAR® Compliant

The HP rx2800 i6 is the latest MISER workstation/server from HSQ. It offers a 64-bit, quad-core, 9700 series Intel Itanium processor. The rx2800 i6 is energy-efficient and offers high availability due to its hot-swappable power supplies, hard disk drives, and cooling system. Due to it running the MISER operating system, the rx2800 i6 does not need constant rebooting to implement patches like a Windows machine and also has no need for anti-virus software. Since 1989, no viruses have been reported as existing on any MISER system, making it a highly available and secure OS that is easy to use. The rx2800 i6 lowers your Total Cost of Ownership (TCO) with performance, compact scalability, energy efficiency, and the 99.99% uptime inherent with the MISER operating system.

Other Features

- **HSQ MISER Operating System**
  - **Optimized for a wide variety of environments, including combinations of I/O intensive, client/server, real-time, and other applications**
  - **Routinely passes security audits such as Department of Defense Information Assurance Certification and Accreditation Process (DIACAP), Department of Energy (DOE), and Department of Homeland Security (DHS)**
- **Integrity Integrated Lights Out 3 (iLO3) Management Processor**
- **Volume shadowing with an increase of up to six member disks**
- **Improved application performance**
- **Compression support with BACKUP Utility**

General Specifications

- **Dimensions:**
  - **Rackmount (2U)** 482 x 89 x 692 mm
    W x H x D (19 x 3.5 x 27.25 in.)
  - **Pedestal Mount** 127 x 508 x 692 mm
    W x H x D (5 x 20 x 27.25 in.)
- **Power Input:** 100-120 VAC, 9.3 A max @ 100 VAC
  (per power supply) 200-240 VAC, 6.6 A max @ 200 VAC
- **Power Supply Output:** 800 W max @100-240 VAC
  1200 W max @ 200-240 VAC
- **Weight:** 30 kg (66 lbs.)

Communications

- **Serial Ports:** One RS-232, DB9 connector
- **LAN:** Four 10/100/1000 Base-T, RJ-45 ports

Environment

- **Operating Temperature:** 5 – 35º C (41 – 95º F)
- **Storage Temperature:** -40 – 80º C (-40 – 175º F)
- **Operating Humidity:** 20 – 80% (non-condensing)
- **Storage Humidity:** 8 – 90% (non-condensing)

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