five-ninesolutions

9000 SERIES MODULAR SERVER

SPECIFICATION SHEET

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Multiple Server Consolidation With Built-In SAN.

spec

- Save Power, Money and Rack-space
- Redundant Node Configuration
- Independent RAID Card with Virtual Disk Pool
- Grow-As-You-Go Flexibility Options
- Six Server Compute Modules
- Hot-swappable Components, Tool-less Design
- Web-based System Management GUI Interface
- Integrated SAN Storage
- Integrated Ethernet Switch Modules

Remove the complexity; increase the performance whilst saving power, rack-space and money. The 9000 series utilises Intel® Modular Server components equipped with dual quad-core Intel® 5400 series CPUs providing an integrated system built on Intel® Multi-Flex Technology. In a world where server consolidation is not just a need but a want, the 9000 series offers a range of turn-key solutions that can be upgraded as demand increases. Removing the overhead of configuration, networking and integration this single solution is fully redundant from Power Supply to Integrated Network switch.

Effective Administration Made Easy.

The 9000 series saves time and money from point of purchase and throughout its life. Offering Virtual Presence remote management capabilities for easy management anywhere. As an integrated system, the 9000 series has capabilities not found in the common rack server setup, including virtual drives that provide grow-as-you-go flexibility and Virtual Presence management for simplicity. All of this is presented in a fully configurable and easy to use Web-based GUI, detailing everything from individual system voltages rails to system storage status, providing up to the second feedback.

9000 Series

intel

9000 Series Specifications

CHASSIS CONFIGURATION

6U rack mount or pedestal based

FRONT

Storage drive bay supports fourteen
Up to six Server Compute Modules
One Hot Swap I/O Fan Module

REAR

One Management Module
Up to two Ethernet Switch Modules
Up to two Storage Control Modules
3+1 redundancy PSU Modules
Two hot swap fan modules

MANAGEMENT MODULE

Connects subsystems to the Management Module
Designed for multiple generations of Server Compute Modules
Provides I/O for the system

MID-PLANE

Ports:
Ten external 10/100/1000 GbE full-duplex ports
Twelve internal 1-GbE full-duplex ports

Management:
Port, VLAN, and Advanced Switch Configuration via the Management Module

Layer 2+ features:
ACL, QOS, Link Aggregation, 10K Jumbo Frame support, VLAN support, STP, and RSTP
Non-blocking I/O, wire-speed performance

ETHERNET SWITCH MODULE

I/O:
External 10/100 Ethernet port
External serial port
Remote Management
Remote Media
Remote Console

SERVER COMPUTE MODULE

Processors
Based on the Intel® 5000P series chipset and supports multi-core Intel® Xeon® processors

Intel 5000P chipset family, including:
Intel 5000P Memory Controller Hub
Intel® 6321ESB I/O Controller Hub

Memory
Eight fully-buffered DIMM (FBDIMM) slots supporting up to 32GB of memory

On-board host bus adapter
LSI® 1064e SAS controller

LAN
Two integrated 10/100/1000 Ethernet ports and two optional 10/100/1000 Ethernet ports via the Mezzanine Card

On-board video
Server Compute Module ATI® ES1000 video controller with 16 MB of DDR SDRAM

External connectors
Two USB 2.0 ports
Video connector

Internal Connectors
One Intel® I/O Mezzanine Connector supporting an optional Mezzanine Card

MEZZANINE CARD

Provides additional dual-channel Ethernet ports
Intel® Modular Server Accessory AXXGBIOMEZ

CHASSIS SIZE

Height: 10.3 inches (6U)
Width: 17.5 inches
Depth: 28.4 inches
Weight with full configuration: 187 lbs

CHASSIS POWER REQUIREMENTS

Up to four 1,000-watt DC output power supply modules with 110-240V AC input
Full system configuration power requirements: 3,000 watt

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