

S-2510

Power-Optimized High Storage Enterprise-Class Application Platform

Our S-2510 Storage Application Platform utilizes Intel® Xeon® 5600 Series processors in combination with state-of-the-art power optimization technologies making this systems far more energy efficient than previous generations. With storage scalable up to 24 TB, redundant DC power, and up to three PCIe slots, this highly available, open-standard platform meets the market demand for applications that require high performance, expansion and storage coupled with efficient power consumption.



Features and Benefits

- Power optimized for next-generation deployments
- Available with up to two Intel Xeon 5600 series hexa- or quad-core processors
- Exclusive DC power technology option
- Enterprise-class hard drives and RAID for maximum reliability
- Scalable, up to twelve hot-swappable SATA/SAS hard drives and two internal SATA/SAS/SSD drives
- Enterprise-hardened security and element management tools (sold separately)

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High Reliability

- Supports up to 12 hot swappable 3.5"/2.5" Enterprise-class SATA/SAS HDDs with RAID levels 0/1/5/6/10/50/60
- Supports up to two internal 2.5" SATA/SAS/SSD
- Redundant, hot swappable 750W DC power supplies
- Standard two-year limited warranty, return to factory.

Performance

- Up to two Intel Xeon 5600 series hexa- or quad-core processors
- Up to 128 GB DDR3 – 1333 MHz ECC registered memory
- Up to 12 hot swappable SATA/SAS drives and two internal SATA/SAS/SSD drives
- Dual-port embedded Gigabit Ethernet NICs
- Highly efficient redundant DC power supplies
- Up to three PCIe G2 slots

Our legacy of streamlining application deployment models to create physical, virtual and cloud-ready solutions has made NEI one of the industry's most trusted partners. We are a leading provider of solution design, system integration, application management, global logistics, support and maintenance services for software and telecommunications developers and OEMs worldwide.

P R O D U C T S P E C I F I C A T I O N S	Form Factor	2U rack mount	Optical Drive	<ul style="list-style-type: none"> ■ Slim DVD-ROM <i>OR</i> ■ DVD +/- RW
	Dimensions (WxHxD)	3.42" (8.69cm) x 17.53" (44.53cm) x 26.17" (66.47cm)	LCD	Yes - front facing
	Processors	Up to two Intel Xeon 5600 series (hexa- or quad-core)	Branded Bezel	Optional
	Chipset	Intel 5500	Power	Redundant 750W DC
	Memory	<ul style="list-style-type: none"> ■ Up to 128 GB DDR3 1333/1066 MHz <i>OR</i> ■ 16 GB quad-ranks 1066 MHz 	USB	Two front / two rear / two internal
	Expansion Slots	<ul style="list-style-type: none"> ■ Three PCIe G2 Slots, one x8 and two x4 	Graphics	Matrox G200eW with 8 MB
	Drive Controllers	SATA / SAS	Compliance	RoHS
	Drive Bays	<ul style="list-style-type: none"> ■ Up to 12 hot swap 3.5"/2.5" SAS, SATA or SSD ■ Two internal 2.5" SATA, SAS or SSD 	Regulatory Approval	UL or CSA, FCC, CE, VCCI, NEMKO, GOST, TUV-GS, C-Tick, BSMI (12 Drive Only)
	RAID Controllers	<ul style="list-style-type: none"> ■ PERC H200 (6 Gb/s) ■ PERC H700 (6 Gb/s) with 512 MB battery-backed cache ■ SAS 6/iR ■ PERC 6/i with 256 MB battery-backed cache ■ PERC S200 (software based, available for 4-HDD configuration) ■ PERC S300 (software based, available for 4-HDD and 8-HDD configurations) 	Cooling	Five internal fans
	Integrated Network Interface	Dual-port Broadcom 5716 Gigabit NICs without TOE	Environment	<ul style="list-style-type: none"> ■ Operating temperature: 10°C to 35°C (50 to 95°F) ■ Non-operating temperature range: -40° to 65°C (-40° to 149°F); ■ Operating relative humidity range: 20% to 80% non-condensing; ■ Non-operating relative humidity range: 5% to 95% non-condensing
Management	<ul style="list-style-type: none"> ■ Dell OpenManage™ featuring Dell Management Console ■ BMC, IPMI 2.0 compliant ■ Lifecycle Controller enabled via optional: iDRAC6 Express, iDRAC6 Enterprise and Vflash - Unified Server Configurator 	Warranty	<ul style="list-style-type: none"> ■ Standard two-year warranty, return-to-factory ■ Optional extended warranty and advance replacement service 	
		OS Support	<ul style="list-style-type: none"> ■ Microsoft Windows Server 2008 ■ Red Hat Enterprise Linux ■ Novell SUSE Linux 	

Support and Maintenance Services

NEI offers a variety of support and maintenance service programs to ensure high availability, rapid response, effective troubleshooting, fast parts replacement and 24-hour support. Please visit www.nei.com/supportservices for more information.



Redefining Application Deployment

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