

PNS-22024

Network storage system based on dual Intel® Xeon® E5 v4 series with up to 256GB DDR4 ECC support, VGA, GbE Ethernet and 3Gbps SATA



FEATURES

- Dual Intel® Xeon® E5 v4 series
- Support up to 256GB DDR4-2133 ECC DIMM or 512GB DDR4-1600 ECC DIMM
- IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
- Hot-swap 24-bay SFF
- 2x RJ45 Gigabit Ethernet LAN
- 3x PCIe x8
- 2x rear USB 3.0

GENERAL

Processor	<ul style="list-style-type: none">• Dual Intel® Xeon® E5 v4 series• Up to 22 cores• Up to 145W TDP
Chipset	<ul style="list-style-type: none">• Intel® C612 chipset
Memory	<ul style="list-style-type: none">• 16 slots DDR4 ECC memory<ul style="list-style-type: none">○ Support 2133 MHz, 8 DIMMs, up to 256GB○ Support 1600 MHz, 16 DIMMs, up to 512GB• RDIMM: 32GB, 16GB, 8GB, 4GB
BIOS	<ul style="list-style-type: none">• 64Mb SPI Flash EEPROM with AMI BIOS• DMI 2.3, ACPI 1.0/2.0/3.0, Plug & Play (PnP)
IPMI	<ul style="list-style-type: none">• IPMI 2.0 with virtual media over LAN and KVM-over-LAN support• ASPEED AST2400 BMC• RJ45 dedicated IPMI port
System Health Monitoring	<ul style="list-style-type: none">• System health monitoring• Onboard voltage monitors for +1.05V, 1.5V, +3.3V, 3.3VSB, +5V, +5V standby, +12V, chipset, memory, CPU1/CPU2 Vcore, and battery voltage• Low-noise fan speed control
Storage Device	<ul style="list-style-type: none">• Hot-swap 24-bay SFF• Interface:<ul style="list-style-type: none">○ Support 12Gb/s, 6Gb/s and 3Gb/s SAS○ 6Gb/s and 3Gb/s SATA data transfer rates○ RAID levels 0, 1, 5, 6, 10, 50 and 60 PCI Express 3.0 host

I/O INTERFACE

Ethernet	<ul style="list-style-type: none">• Intel® Ethernet Controller XL710• 2x RJ45 Gigabit Ethernet LAN
PCIe Expansion	<ul style="list-style-type: none">• 3x PCIe x8• LSI 12Gb/s SAS/SATA Expander
Video	<ul style="list-style-type: none">• ASPEED AST2400 BMC• DisplayPort/VGA
USB	2x rear USB 3.0
LED	UID/remote UID

Mechanical & Environment

Dimension	2U, 19"(W) x 17.7"(D) x 3.5"(H)
Power Supply	<ul style="list-style-type: none">• 500W redundant power supply• AC input: 90~264V full range• DC output: 12V/65A, -12V/0-0.8A, +5VSB/0-3.5A
Operating Environment	<ul style="list-style-type: none">• 10°C~40°C• 8~90% non-condensing
Storage Environment	<ul style="list-style-type: none">• -20°C~70°C• 5~95% non-condensing
Certification	RoHS, UL compliance



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Contact PM-COMM@portwell.com to discuss your design options.