

R182-34A

Intel Xeon Rack Server - 1U DP 4-Bay



Features

- 3rd Gen. Intel® Xeon® Scalable Processors
- 8-Channel RDIMM/LRDIMM DDR4, 16 x DIMMs
- Intel® C621A Express Chipset
- Dual ROM Architecture supported
- 1 x Dedicated management port
- 4 x 3.5"/2.5" SATA/Gen4 NVMe hot-swap HDD/SSD bays
- 2 x 7-pin SATA DOM supported
- 2 x PCIe Gen4 x16 expansion slots
- 1 x OCP 3.0 Gen4 x16 mezzanine slot
- 1 x OCP 2.0 Gen3 x8 mezzanine slot
- 800W (240V) 80 PLUS Platinum redundant power supply

Specification

Dimensions	1U (W438 x H43.5 x D780 mm)	Backplane I/O	Backplane PN: 9CBP1047NR-00 4 x 3.5" or 2.5" SATA/SAS ports Bandwidth: SATA 6Gb/s, SAS 12Gb/s per port or PCIe Gen4 x4
Motherboard	MR92-FS2	TPM	1 x TPM header with SPI interface Optional TPM2.0 kit: CTM010
CPU	3rd Generation Intel® Xeon® Scalable Processors Dual processors, 10nm technology CPU TDP up to 270W	Power Supply	1+1 800W (240V) 80 PLUS Platinum redundant power supply
Socket	2 x LGA 4189 (Socket P+)	System Management	Aspeed® AST2600 management controller GIGABYTE Management Console (AMI MegaRAC SP-X)
Chipset	Intel® C621A Express Chipset	OS Compatibility	Windows Server 2016 / 2019 RHEL 8.2 (x64) / 8.3 (x64) or later SLES 12 SP5 (x64) / 15 SP2 (x64) or later Ubuntu 20.04 LTS (x64) / 20.04.1 LTS (x64) or later VMware ESXi 6.7 Update3 P03 / 7.0 Update2 Citrix Hypervisor 8.2.0
Memory	8-Channel DDR4 memory, 16 x DIMM slots RDIMM/LRDIMM modules up to 128GB supported 3DS RDIMM/LRDIMM modules up to 256GB supported 1.2V modules: 3200/2933/2666 MHz	System Fans	5 x 40x40x56mm (29,700rpm) 3 x 40x40x28mm (25,000rpm)
LAN	1 x 10/100/1000 management LAN	Operating Properties	Operating temperature: 10°C to 35°C Operating humidity: 8-80% (non-condensing) Non-operating temperature: -40°C to 60°C Non-operating humidity: 20%-95% (non-condensing)
Video	Integrated in Aspeed® AST2600 2D Video Graphic Adapter with PCIe bus interface 1920x1200@60Hz 32bpp, DDR4 SDRAM	Packaging Content	1 x R182-34A, 2 x CPU heatsinks 1 x Rail kit
Storage	2 x 3.5"/2.5" SATA/SAS/Gen4 NVMe hot-swap HDD/SSD bays 2 x 3.5"/2.5" SATA/SAS hot-swap HDD/SSD bays SAS card is required for SAS devices support	Reference Numbers	Barebone package: 6NR18234AMR-00 - Motherboard: Motherboard: 9MR92FS2NR-00 - Rail kit: 25HB2-3A0203-K0R - CPU heatsink: 25ST1-25320H-M1R - Back plane board: 9CBP1047NR-00 - Power supply: 25EP0-208004-L0S
RAID	Intel® SATA RAID 0, 1, 10, 5		
Expansion Slots	2 x PCIe x16 slot (Gen4 x16), FHHL 1 x OCP 3.0 mezzanine slot (Gen4 x16) - Supported NCSI function 1 x OCP 2.0 mezzanine slot (Gen3 x8) - Supported NCSI function		
Front I/O	2 x USB 3.0		
Rear I/O	2 x USB 3.0, 1 x VGA, 1 x MLAN		



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