

GRID 1.1P



 based
 on Intel Xeon Scalable 3rd generation
 CPU

Key Features



19-inch - 1U / 2 CPU /
 NVMe/SAS/
 SATA / x 3 5 SATA/
 SAS Hot swaps drives



Dual Intel Xeon
 Scalable 3r generation
 Processors



32x DDR4 @ 3200MHz
 Up to 8TB



5x PCIe 4.0 x16
 including 1 x OCP 3.0



800W redundant
 Platinum



IPMI / iKVM with
 ASPEED® AST2500



Air Cooling

Front view

3rd Gen Intel® Xeon® Scalable Processors

The GRID 1.12iP is built with the latest Intel® Xeon® Scalable Processors, and designed for the demand of high scalability, high density computing, and widest range of workloads. 3rd Gen Intel® Xeon® Scalable processors offer a balanced architecture with built-in acceleration and advanced security capabilities.

Maximum memory to manage and scale

With up to 8TB of memory, the GRID 1.12iP offers high flexibility to scale at will from simple hypervisor to the biggest ERP.

Modular drives capabilities to get the best ROI

Equipped with 4 x 2,5" and 4 x 3,5" front hot swapable drive bays, the GRID 1.44iP becomes the most agile 1U server on the market. From compute node to Hypervisor HCI storage solution, the GRID 1.44 can manage any data to day applications among your organisation

Server backview



Server III

SPECIFICATIONS

System	Model	GRID 1.12iP
	Form Factor	19-inch 1U
	Nodes	2 CPU
	Dimension	438mm (W) x 43.05mm (H) x 780mm (D)
Storage	Internal type	Up to 2x M.2 SATA on board
Motherboard	CPU	2x Socket P+ (LGA 4189) Intel® XEON® 3rd Generation Scalable Processors family TDP 205W maximum/CPU
	Chipset	System on chip
	GPU	Up to 2x Dual-slot Nvidia® Tesla, Quadro or AMD Vega, Vega Pro cards Maximum limitation of GPU card: 285 x 111.5 x 39.5mm (LxWxH)
	Expansion slots	4x PCIe x16 (Gen4 x16 bus), including 1 x16 using mezzanine adapter 1x PCIe x16 OCP 3.0 (Gen4 x16 bus)
	BMC	Aspeed® AST2500
Memory	Total Slots	32 (8-channel, 8 DIMM) DDR4 memory supported only
	Capacity	Maximum up to 4096GB (with 128GB RDIMM / LRDIMM modules) Maximum up to 8192GB (with 256GB 3DS RDIMM / LRDIMM modules)
	Memory Speed	Up to 3200 MHz
Network		w/o : BRB-CL1-112iPR 2 x ??GB : BRB-CL1-112iPR-001, 2 x ??GB : BRB-CL1-112iPR-002
Front I/O	Ports	2x USB 3.0 1x VGA 1x RJ45 dedicated IPMI (MLAN)
	Switch/LED	1x Power button with LED 1x ID button with LED 1x Reset button 1x NMI button 1x System status LED
Management Solution	Out of Band Remote Management	BMC Remote control based on Aspeed® AST2500 remote management controller (Power Control Configuration, Chassis Identify, Boot Option, iKVM, BMC Account Configuration)
Power Supply	Type	800W Redundant

SKU

Barebone	BRB-GR1-112iPR	GRID 1.12iP Barebone without options. Caution Network, risers are not included
	BRB-GR1-112iPR-001	GRID 1.12iP Barebone BRB-GR1-112iPR + NIC ... + Riser ...
	BRB-GR1-112iPR-002	GRID 1.12iP Barebone BRB-GR1-112iPR + NIC ... + Riser ...
	BRB-GR1-112iPR-003	GRID 1.12iP Barebone BRB-GR1-112iPR + NIC ... + Riser ...