

Poseidon 1U Front I/O

Poseidon 1U Rear I/O

Poseidon 1U Front I/O



8th/9th Gen Core™
i3/i5/i7 & Xeon®
E2100/E2200



Compact Form
Factor



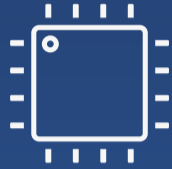
Prodrive Server
Management



Long Availability



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Motherboard

Prodrive Hermes 8th/9th Gen motherboard

Processor/Cache

CPU	Intel® Core i3/i5/i7/i9 8th/9th Gen Intel Xeon® E21xx, E22xx
Socket	LGA1151
Cores	Up to 8 cores
Threads	Up to 16 threads
Cache	Up to 16 MB
System bus	DMI up to 8 GT/s

System Memory

Type	Up to 4x 2666MT/s DDR4 DIMM (both non-ECC and ECC options)
Size	Up to 128 GB

I/O

Network	4x 1000BASE-T ports (CPU)
	1x 1000BASE-T port (BMC/PCH)
BMC	Aspeed AST2500
USB	4x USB3.2 Gen 1 rear panel, 2x USB3.2 Gen 1 at front
RS232	1x RS232 at rear panel, 2x RS232 (optional)
Audio	2x Line input, 1x Line output
Video	2x DP 1.2 (optional), 1x HDMI 2.0 (optional), 1x VGA (optional)

Power Supply

PSU	500W power supply
AC input	100-240VAC, 50-60Hz



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Storage/Media	
2x 2.5" hot-swappable drive bays	
SATA	2x SATA3.0
RAID	2 ports with RAID 0/1/5/10 support via iRST

Expansion slots	
PCIe	1x PCIe x16 expansion slots
M.2	1 x M.2 (2230, 2242, 2260, 2280, 22110/Key M)
	1 x M.2 (2230/Key E)

Chassis	
Height	1U
Depth	412mm
Width	19"

Conditions & Standards	
Ambient temperature	0-50°C
SEMI F47	
Safety/EMC	UI/EN/IEC 62368-1. KN/GB/JIS 62368-1 on request
Substances	RoHS, Reach
Marks	CE, UL, FCC

Conditions & Standards	
Windows	
Linux	