

Mayflower®-II-SP5 - GPU Server

19" 4U GPU Server with 2x NVIDIA® RTX PRO™ 6000 Blackwell Max-Q Workstation Edition GPU and AMD® EPYC™ 9005/9004 CPU

Features

- **High-Performance with AMD® EPYC™ 9005/9004 CPU**
- **2x High-End GPU: NVIDIA® RTX PRO™ 6000 Blackwell Max-Q Workstation Edition (on request: up to 3x GPU)**
- **2x PCIe x16 slots for expansion cards**
- **Robust full industrial components for 24/7 operation**
- **Hold-downs clamps and washable air filters**

Configuration example

Further configurations on request!

Mainboard:

Industrial Mainboard (CEB)
24/7 operation, long-term available

Processor:

AMD® EPYC™ 9005/9004
Socket: SP5

Memory:

8x DDR5 DIMM, max. 4800 MHz
RDIMM, max. 4 TB

Graphic:

Onboard AST2600, 512 MB DDR4

GPU:

2x NVIDIA® RTX PRO™ 6000 Blackwell Max-Q Workstation Edition
PCIe x16, 96 GB GDDR7 with ECC
4x DisplayPort 2.1b
24064 CUDA Cores
On request: up to 3x GPU

AI Performance (per GPU):

Single-Precision power: 110 TFLOPs
RT Core-Performance: 333 TFLOPs
AI: 3511 TOPS

Drive Bays:

Internal
1x M.2 (M-key, Typ: 2280)
1x M.2 (M-key, Typ: 22110/2280)
2x 3.5"
4x 2.5"

Power Supply:

90 ~ 264 VAC, 2000 Watt, 80 Plus

Expansions:

4x PCIe x16 (Gen 5)
(2x used by NVIDIA® GPU)
2x PCIe x8 (Gen 5)
(both covered by NVIDIA® GPU)

Mechanical:

Chassis
19 inch 4U rackmount chassis
Dimensions (W x H x D)
440 x 176 x 468 mm
Cooling
Active, 3x 120 mm fans
2x 80 mm fans

I/O:

Back
2x 1 GBit LAN (RJ45)
2x 10 GBit LAN (RJ45)
1x Dedicated IPMI LAN (RJ45)
2x USB 3.2 (Gen 1)
1x VGA
1x UID button with LED
Front
2x USB 3.2 (Gen 1)

Environment:

Operating Temperature
0° ~ 50° C*
Storage Temperature
-20° ~ 80° C
Relative Humidity (operation)
10 ~ 90 % (non condensing)

erFeatures:

Watchdog Timer, TPM 2.0

Operating System:

Microsoft® Windows® Server
Linux®



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Additional illustrations



Rear view



Front view (open, empty)

InoNet Competences and Services



Consulting



Development



Testing



Customization



Manufacturing



Certifications

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