

Mayflower®-ID-AM5 - GPU Server

19" 2U GPU Server with NVIDIA® RTX PRO™ 2000/4000 Blackwell GPU and AMD® Ryzen™/EPYC™ Processor

Features

- **High-Performance with AMD® Ryzen™/EPYC™ CPU**
- **Powerful NVIDIA® RTX PRO™ 2000/4000 Blackwell GPU**
- **6x 2.5" hot-swap drive bays**
- **Depth only 450 mm**
- **Robust full-industrial components for 24/7 operation**

Configuration example

Further configurations on request!

Mainboard:

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

Processor:

AMD® EPYC™ 4005/4004 or
AMD® Ryzen™ 7000/8000/9000
Socket: AM5

Memory:

2x DDR5 DIMM, max. 192 GB

Graphic:

Onboard ASPEED AST2600, 64 MB

GPU:

1x NVIDIA® RTX PRO™ 2000 Blackwell
PCIe x8, 16 GB GDDR7 with ECC
4x Mini-DisplayPort 2.1b
4352 CUDA Cores
or
1x NVIDIA® RTX PRO™ 4000 Blackwell
PCIe x8, 24 GB GDDR7 with ECC
4x Mini-DisplayPort 2.1b
8960 CUDA Cores

Drive Bays:

Internal
1x M.2 (M-key, type: 2280/2242)
External (front)
4x 2.5" hot-swap
External (back)
2x 2.5" hot-swap (optional)

Power Supply:

90 ~ 264 VAC, FlexATX, 80 Plus
2x 800 Watt redundant

Expansions:

1x PCIe x16 (Gen 4)
(used by NVIDIA® RTX GPU)

Mechanical:

Chassis
19 inch 2U rackmount chassis
Dimensions (W x H x D)
438 x 87 x 450 mm
Cooling
Active, 4x 80 mm fans

I/O:

Back
2x 1 GBit LAN (RJ45)
2x 10 GBit LAN (RJ45)
1x Dedicated IPMI LAN (RJ45)
4x USB 3.2 (Gen 1)
1x RS-232
4x Mini-DisplayPort 2.1b
1x DisplayPort
1x HDMI
1x VGA
Front
1x USB 3.2 (Gen 1)

Environment:

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

Features:

Watchdog Timer
TPM 2.0

Operating System:

Microsoft® Windows® Server 2022
Microsoft® Windows® 10/11, Linux®



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Additional illustrations



Rear view
(version with 7x half-size slots)



Front view

InoNet Competences and Services



Consulting



Development



Testing



Customization



Manufacturing



Certifications

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