

Mayflower®-II-AM5

Rugged 19" system (4U) with powerful AMD® Ryzen™ CPU for industrial environments

Features

- *High-Performance with AMD® Ryzen™ 7000 CPUs*
- *Capable for complex system configurations*
- *Robust full industrial components for 24/7 operation*
- *Drive cages in anti-vibration design, hold-downs clamps and washable air filters*

Configuration example

Further configurations on request!

Mainboard:

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

Processor:

AMD® Ryzen™ 7000 series
Socket: AM5

Memory:

4x DDR4 DIMM, max. 128GB

Graphic:

Onboard AMD® Radeon™

Drive Bays:

Internal
2x M.2 (M-key, type: 2280)
3x 3.5"
External
3x 5.25", 1x 3.5"

Environment:

Operating Temperature
0° ~ 50° C*
Storage Temperature
-40° ~ 80° C
Relative Humidity (operation)
0 ~ 95 % (non condensing)

Power Supply:

90 ~ 264 VAC, 400 Watt, 80 Plus
On request: Redundant power supplies for AC and DC

Expansions:

1x PCIe x16 (Gen 5), full height
1x PCIe x4 (Gen 5), full height
1x PCIe x4 (Gen 4), full height
1x PCIe x1 (Gen 3), full height
1x PCI, full height

Mechanical:

Chassis
19 inch 4U rackmount chassis
Dimensions (W x H x D)
430 x 176 x 465 mm
Cooling
Active, 1x 120 mm fans

I/O:

Back
2x 2.5 GBit LAN (RJ45)
4x USB 3.2 (Gen 2)
2x USB 3.2 (Gen 1)
1x RS-232/422/485
1x RS-232
4x RS-232 (optional)
1x DisplayPort
1x HDMI 2.1
3x Audio (Line-In, Line-Out, Mic)
Front
2x USB 2.0
Internal
2x USB 2.0 type A
1x GPIO Header (8 Bit)

Operating System:

Microsoft® Windows® 10/11, Linux®

Features:

Watchdog Timer
TPM 2.0



Mayflower®-II-AM5 Additional illustrations



Rear view



Front view (open)

InoNet Competences and Services



Consulting



Development



Testing



Customization



Manufacturing



Certifications

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