

Mayflower®-ID-U200

Modular 19" 2U system incl. alarm module with Intel® Core™ Ultra CPUs and 7 expansion slots

Features

- *High-Performance with Intel® Core™ Ultra CPUs*
- *7x low-profile expansion slots*
- *On request: 2x full-size expansion slots (various riser cards)*
- *Robust full-industrial components for 24/7 operation*
- *1x 5.25" and 3x 3.5" vibration resistant drive slots*
- *Integrated alarm module for signaling error conditions*

Configuration example

Further configurations on request!

Mainboard:

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

Processor:

Intel® Core™ Ultra, 200 series
Chipset: Intel® Q870

Memory:

4x DDR5 UDIMM, max. 256 GB

Graphic:

Onboard Intel® Iris® Xe
(depending on CPU)

Drive Bays:

Internal
1x M.2 (M-key, type: 2280)
1x M.2 (M-key, type: 2242/2260/2280/22110)
2x 3.5"
External
1x 5.25", 1x 3.5"

Environment:

Operating Temperature
0° ~ 45° C*
Storage Temperature
-40° ~ 85° C
Relative Humidity (operation)
0 ~ 95 % (non condensing)

Features:

Watchdog Timer, TPM (Intel® PTT)

Power Supply:

90 ~ 264 VAC, 400 Watt
FlexATX, 80 Plus

Expansions:

1x M.2 (B-key, type: 3042/3052)
1x M.2 (E-key, type: 2230)
1x SIM slot
2x PCIe x16 (Gen 5)
2x PCIe x4 (Gen 4)
3x PCIe x1 (Gen 4)
7x low-profile slots
On request: 2x full-size expansion slots (various riser cards)

Mechanical:

Chassis
19 inch 2U rackmount chassis
Dimensions (W x H x D)
482 x 88 x 481 mm
Cooling
Active, 2x 80 mm fans

I/O:

Back
3x 2.5 GBit LAN (RJ45)
6x USB 3.2 (Gen 2)
1x RS-232/422/485
1x DisplayPort 1.4a
2x HDMI 2.1
1x VGA
3x Audio (Line-Out, Line-In, Mic)
Front
2x USB 2.0
Internal
1x USB 2.0 type A
1x USB 3.2 (Gen 1) type A
1x GPIO Header (8 Bit)

Operating System:

Microsoft® Windows® 10/11, Linux®

*Ambient temperature at full expansion at full load in 24/7 operation: 0°~40°C



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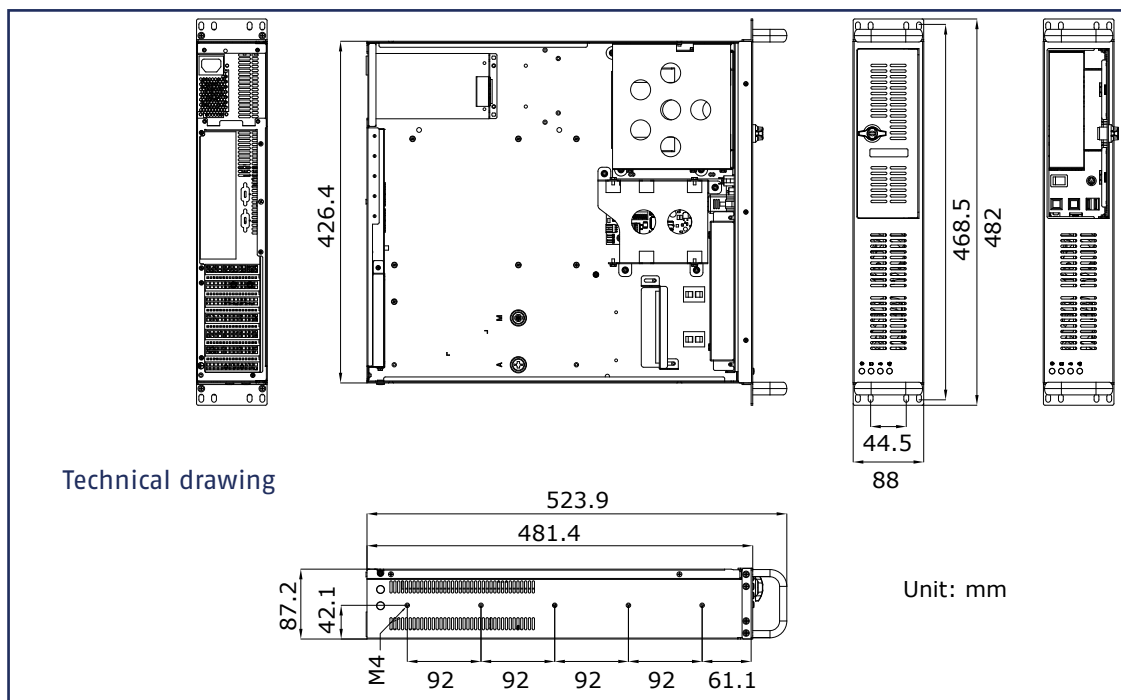
Additional illustrations



Rear view
(version with
full-size slots)



Front view (open)



InoNet Competences and Services



Consulting



Development



Testing



Customization



Manufacturing



Certifications

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