INONET
A EUROTECH COMPANY

Mayflower®-ID-Q670E

Modular 19“ 2U system incl. alarm module with Intel® Core™ i CPUs up to 14th generation

Features

- *High-Performance with Intel® Core™ i CPUs 12th/13th/14th Generation*
- *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™ i 12th/13th/14th Generation
Chipset: Intel® Q670E

Memory:
4x DDR5 DIMM, max. 192 GB

Graphic:
Onboard Intel® UHD 730/770
(depending on CPU)

Drive Bays:
Internal
1x M.2 (M-key, type: 2280)
1x M.2 (M-key, type: 2242/2280)
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, Intel® AMT 12.0
TPM 2.0

Power Supply:
90 ~ 264 VAC, 400 Watt
FlexATX, 80 Plus

Expansions:
1x M.2 (B-key, type: 3042/3052)
1x PCIe x16 (Gen 5)
1x PCIe x16 (Gen 4), 4 Lanes
1x PCIe x4 (Gen 4)
1x PCIe x1 (Gen 3)
3x PCI
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
2x 1 GBit LAN (RJ45)
2x USB 3.2 (Gen 2)
2x USB 3.2 (Gen 1)
1x RS-232/422/485
2x DisplayPort 1.4
2x HDMI 2.0
3x Audio (Line-Out, Line-In, 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®

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



Published: 27. July 2026, 10:38. Subject to be change without prior notice.

Mayflower®-ID-Q670E

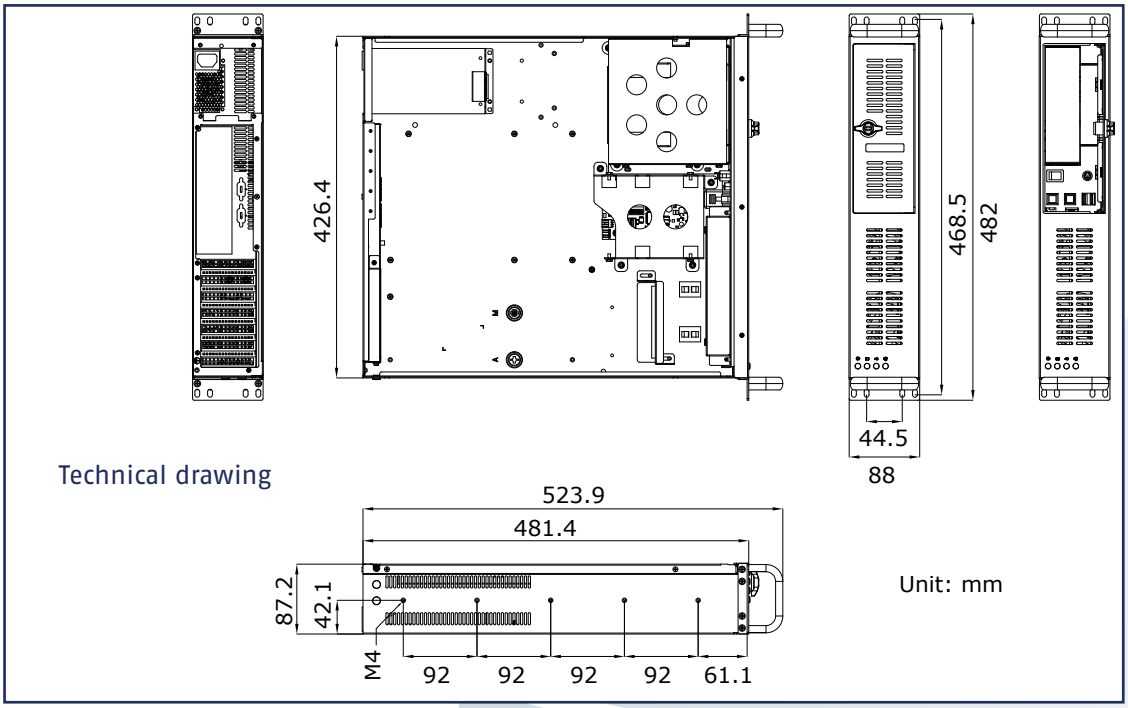
Additional illustrations



Rear view
(version with
full-size slots)



Front view (open)



Technical drawing

Unit: mm

InoNet Competences and Services

Consulting *Development* *Testing* *Customization* *Manufacturing* *Certifications*

InoNet Computer GmbH
Wettersteinstraße 18
82024 Taufkirchen, Germany
www.inonet.com

Published: 27. July 2026, 10:38. Subject to be change without prior notice.