

Mayflower®-SID-Q670E

Modular 19" 2U system incl. alarm module with Intel® Core™ i CPUs of the 12th generation

Features

- ↗ High-Performance with Intel® Core™ i CPUs 12th Generation
- ↗ 7x low-profile expansion slots
- ↗ On request: 3x 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 Generation
Chipset: Intel® Q670E

Memory:

4x DDR4 DIMM, max. 128GB

Graphic:

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

Drive Bays:

Internal
2x 3.5"
External
1x 5.25", 1x 3.5"

Environment:

Operating Temperature
0° ~ 50° C
Storage Temperature
-40° ~ 85° C
Relative Humidity (operation)
0 ~ 95 % (non condensing)

Features:

Watchdog Timer
Intel® vPro, AMT & TPM support

Power Supply:

90 ~ 264 VAC, 300 Watt
FlexATX, 80 Plus

Expansions:

1x M.2 (M-key, type:2280)
1x PCIe x16 (Gen 4)
1x PCIe x8 (Gen 3)
3x PCIe x4 (Gen 3)
2x PCI
7x low-profile slots
On request: 3x 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 GBit LAN (RJ45)
2x USB 3.2 (Gen 2)
2x USB 3.2 (Gen 1)
4x USB 2.0
1x RS-232
1x DisplayPort
1x HDMI
1x VGA
2x Audio (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®

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



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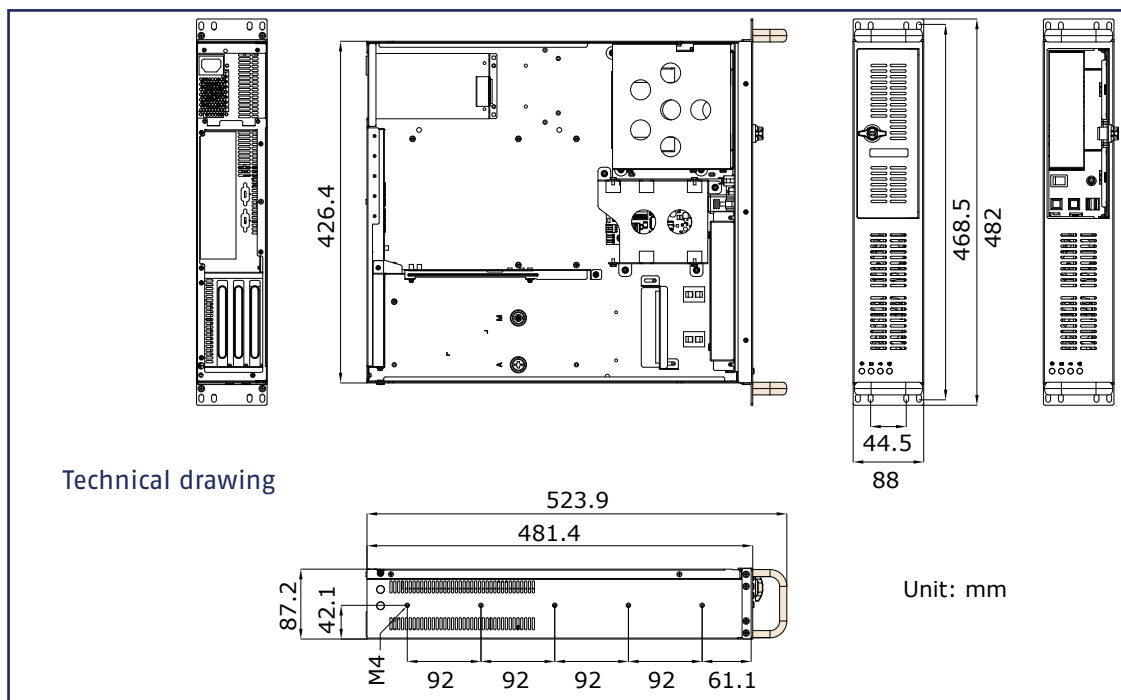
Additional illustrations



Rear view
(version with
3x full-size slots)



Front view (open)



InoNet Competences and Services



Consulting



Development



Testing



Customization



Manufacturing



Certifications

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