

Mayflower®-IDF-Q670E

Powerful 19" 2U Industrial PC with front-side interfaces and 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**
- **3x M.2 expansion**
- **Front-mounted interfaces for comfortable handling**
- **Robust full-industrial components for 24/7 operation**
- **2x 3.2" and 4x 2.5" vibration resistant drive slots**

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)
4x 2.5", 2x 3.5"

Environment:

Operating Temperature
0° ~ 45° C*
Storage Temperature
-40° ~ 85° C
Relative Humidity (operation)
0 ~ 90 % (non condensing)

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

Mechanical:

Chassis
19 inch 2U rackmount chassis
Dimensions (W x H x D)
482 x 88.8 x 350 mm
Cooling
Active, 2x 80 mm fans

I/O:

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

Features:

Watchdog Timer, Intel® AMT 12.0
TPM 2.0

Operating System:

Microsoft® Windows® 10/11, Linux®

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

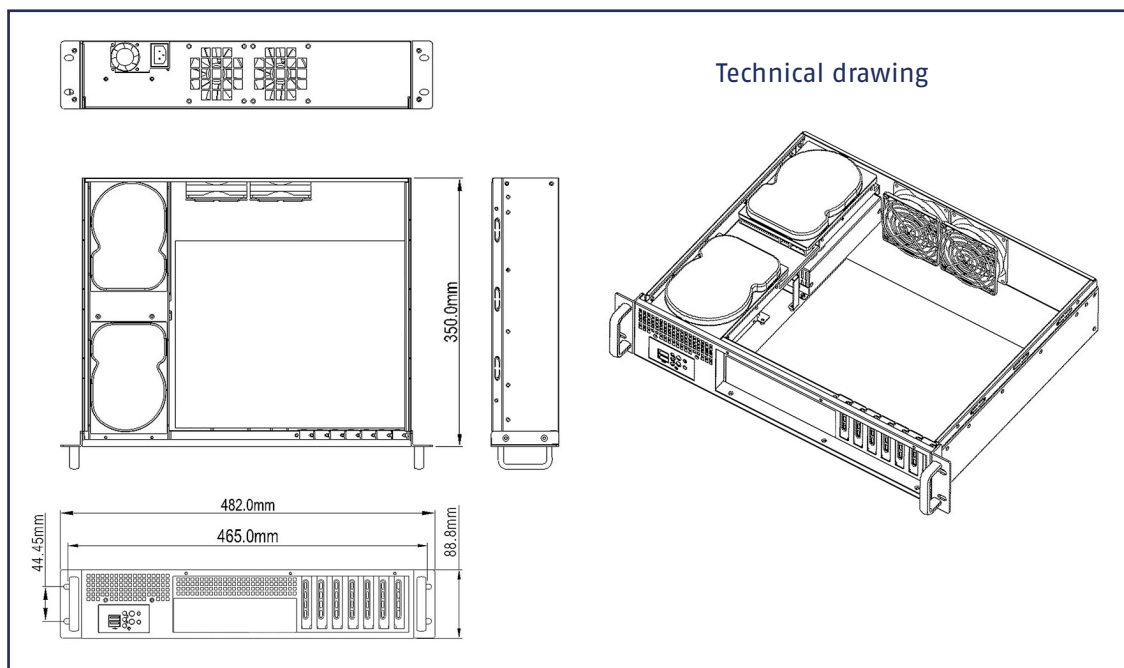


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Additional illustrations



Rear view



InoNet Competences and Services



Consulting



Development



Testing



Customization



Manufacturing



Certifications

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