

Mayflower®-IISF-Q670E

High-quality 19" 4U 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*
- *Front-mounted interfaces for comfortable handling*
- *Up to 7x slots for expansion cards*
- *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:

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)
1x 3.5", 2x 2.5"
External
2x 2.5", 1x Slimline

Operating System:

Microsoft® Windows® 10/11, Linux®

Features:

Watchdog Timer, Intel® AMT 12.0
TPM 2.0

Power Supply:

90 ~ 264 VAC, 500 Watt, 80 Plus
On request: Redundant power supplies for AC and DC

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

Mechanical:

Chassis
19 inch 4U rackmount chassis
Dimensions (W x H x D)
426 x 175 x 350 mm
Kühlung
Aktiv, 2x 120 mm Lüfter

I/O:

Front
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)
Internal
2x USB 2.0 type A
1x GPIO Header (8 Bit)

Environment:

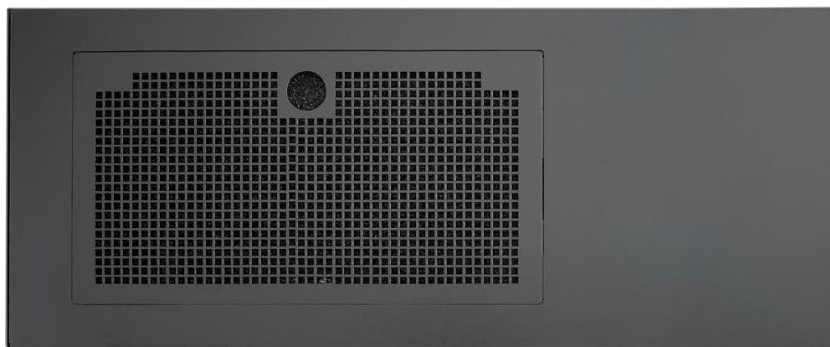
Operating Temperature
0° ~ 45° C*
Storage Temperature
-40° ~ 85° C
Relative Humidity (operation)
0 ~ 95 % (non condensing)

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

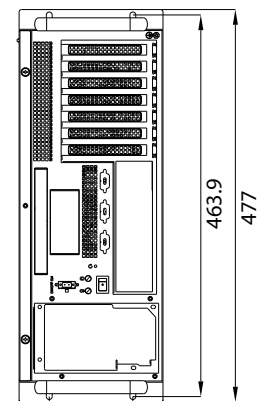
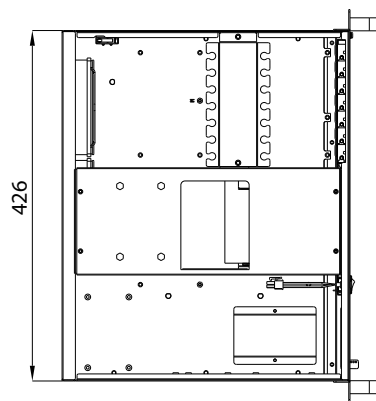
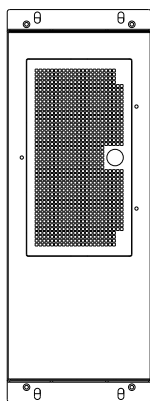


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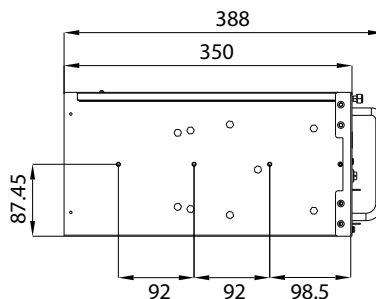
Additional illustrations



Rear view



Technical drawing



Unit: mm

InoNet Competences and Services



Consulting



Development



Testing



Customization



Manufacturing



Certifications

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