

Magnius®-SII-Q670E

19" 4U Industrial PC – low-cost entry model with Intel® Core™ i CPUs 13th Generation

Features

- ↗ High-Performance with Intel® Core™ i CPUs 13th Generation
- ↗ 7x full-size expansion slots
- ↗ Robust full-industrial components
- ↗ Case with lockable front door and handles
- ↗ 2x 5.25" and 8x 3.5" drive bays
- ↗ Drive cage in anti-vibration design, hold-downs clamps and replaceable air filters



Configuration example

Further configurations on request!

Mainboard:

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

Processor:

Intel® Core™ i 13th Generation
Chipset: Intel® Q670E

Memory:

4x DDR5 DIMM, max. 128 GB

Graphic:

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

Drive Bays:

Internal
7x 3.5"
External
2x 5.25", 1x 3.5"

Environment:

Operating Temperature
0° ~ 50° C*
Storage Temperature
-40° ~ 85° C
Relative Humidity (operation)
0 ~ 90 % (non condensing)

Power Supply:

90 ~ 264 VAC, 400 Watt
PS2 ATX, 80 Plus

Expansions:

1x M.2 (M-key, Type: 2242/2280)
1x M.2 (M-key, Type: 2280)
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)
427 x 177 x 450 mm
Cooling
Active, 1x 120 mm fan

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
1x USB 2.0 Typ A
1x GPIO Header (8 Bit)

Operating System:

Microsoft® Windows® 10/11, Linux®

Features:

Watchdog Timer
TPM 2.0 (onboard)

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

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Additional illustrations

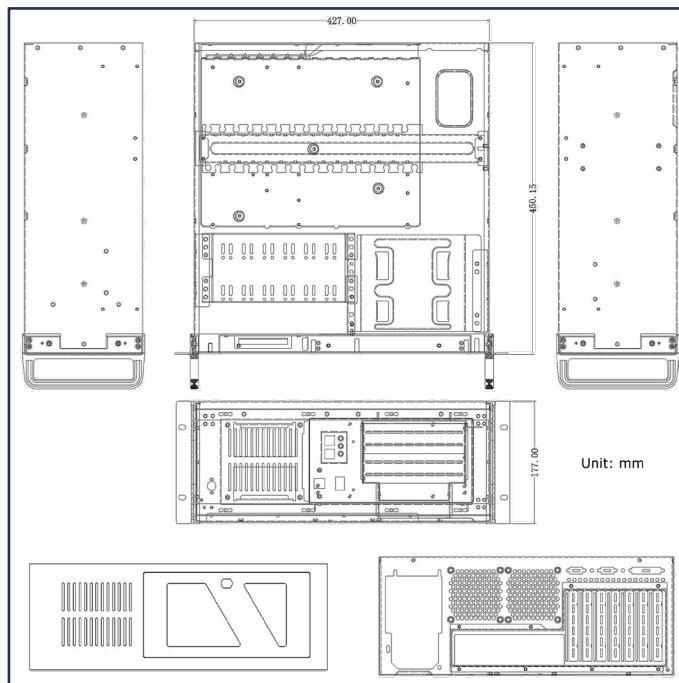


Rear view



Front view (open)

Technical drawing



InoNet Competences and Services



Consulting



Development



Testing



Customization



Manufacturing



Certifications

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