

## Magnius®-SIIF-Q670E

19" 4U Industrial PC – low-cost entry model with Intel® Core™ i CPUs 13<sup>th</sup> Generation and front-side interfaces

### Features

- ↗ High-Performance with Intel® Core™ i CPUs 13<sup>th</sup> Generation
- ↗ 7x full-size expansion slots
- ↗ Robust full-industrial components
- ↗ Interfaces accessible from the front
- ↗ 2x 5.25" and 6x 3.5" drive bays
- ↗ Drive cage in anti-vibration design

### Configuration example

Further configurations on request!

#### Mainboard:

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

#### Processor:

Intel® Core™ i 13<sup>th</sup> Generation  
Chipset: Intel® Q670E

#### Memory:

4x DDR5 DIMM, max. 128 GB

#### Graphic:

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

#### Drive Bays:

Internal  
6x 3.5"  
External  
2x 5.25"

#### 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)  
426 x 177 x 381.6 mm  
Cooling  
Active,  
1x 120 mm fan and 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 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



# Magnius®-SIF-Q670E

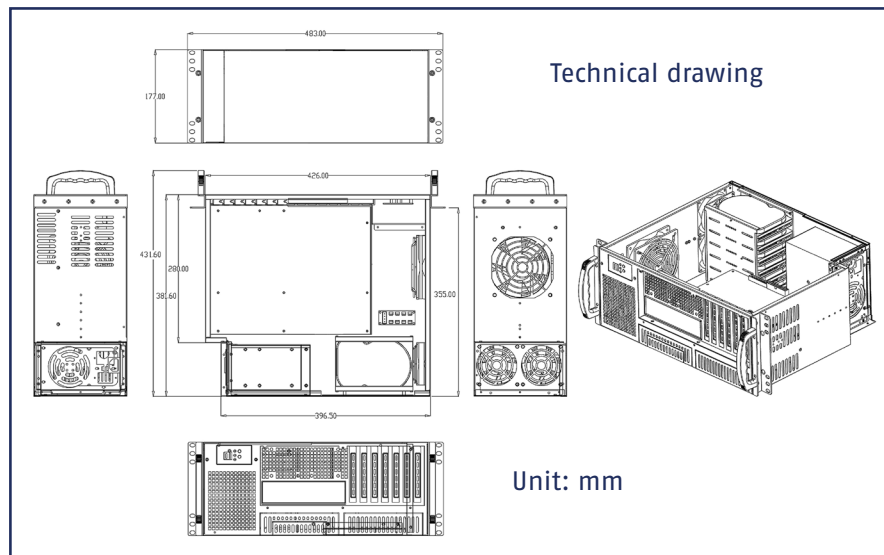
## Additional illustrations



Front view



Side view



Technical drawing

Unit: mm

### InoNet Competences and Services



Consulting



Development



Testing



Customization



Manufacturing



Certifications

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