

## Mayflower®-ID-Q670E

Modular 19" 2U system incl. alarm module with Intel® Core™ i CPUs up to 14<sup>th</sup> generation

### Features

- *High-Performance with Intel® Core™ i CPUs 12<sup>th</sup>/13<sup>th</sup>/14<sup>th</sup> 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 12<sup>th</sup>/13<sup>th</sup>/14<sup>th</sup> 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, 400 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 1 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



# Mayflower<sup>®</sup>-ID-Q670E

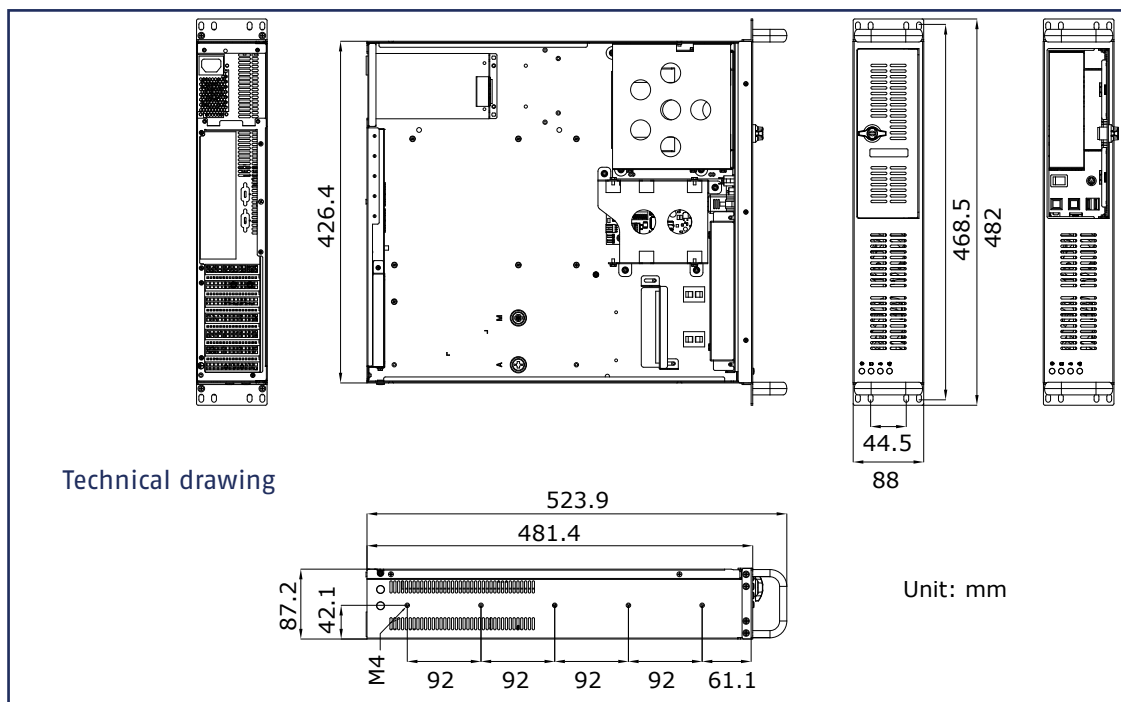
## Additional illustrations



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



Front view (open)



### InoNet Competences and Services



Consulting



Development



Testing



Customization



Manufacturing



ISO 9001

Certifications

InoNet Computer GmbH  
Wettersteinstraße 18  
82024 Taufkirchen, Germany  
[www.inonet.com](http://www.inonet.com)