

Mayflower®-SM7-Q670E

Compact high performance industrial PC for wall mounting with Intel® Core™ i CPUs up to 14th generation

Features

- ↗ High-Performance with Intel® Core™ i CPUs 12th/13th/14th Generation
- ↗ Horizontal or vertical mounting possible
- ↗ Drive cage optionally rotatable by 90°
- ↗ Robust full-industrial components for 24/7 operation
- ↗ Expandable with 7 slots and InoNet QuickTray®



Configuration example

Further configurations on request!

Mainboard:

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

Processor:

Intel® Core™ i 12th/13th/14th Generation
Chipset: Intel® Q670E
Up to 125 Watt TDP

Memory:

4x DDR4 DIMM, max. 128 GB

I/O:

Back
2x 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 3.2 (Gen 1)
Internal
2x USB 2.0 type A
2x USB 2.0
1x GPIO Header (8 Bit)
1x RS-232/422/485, 4x RS-232
Up to 4x SATA III with 6 Gb/s

Drive Bays:

Internal
1x M.2 (M-key, type:2280)
2x 2.5"
External
3x 5.25"
Optional QuickTray®
Up to 14 GB/s* and 120 TB* with 4x NVMe-SSDs, uses 2x 5.25"

Features:

Watchdog Timer
Intel® vPro, AMT & TPM support

Power Supply:

500 Watt PS2, 80 Plus
90 ~ 240 VAC full range

Expansions:

1x PCIe x16 (Gen 4), full height
1x PCIe x8 (Gen 3), full height
3x PCIe x4 (Gen 3), full height
2x PCI, full height

Mechanical:

Chassis
Industrial case made of 1mm heavy duty steel plate
Horizontal or vertical mounting
Dimensions (W x H x D)
330 x 196 x 410 mm
Cooling
Active, 1x 120mm fan

Graphic:

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

Operating System:

Microsoft® Windows® 10/11, Linux®

Environment:

Operating Temperature
0° ~ 50° C**
Storage Temperature
-20° ~ 70° C
Relative Humidity
10 ~ 90 % (non condensing)
IP Protection
IP20

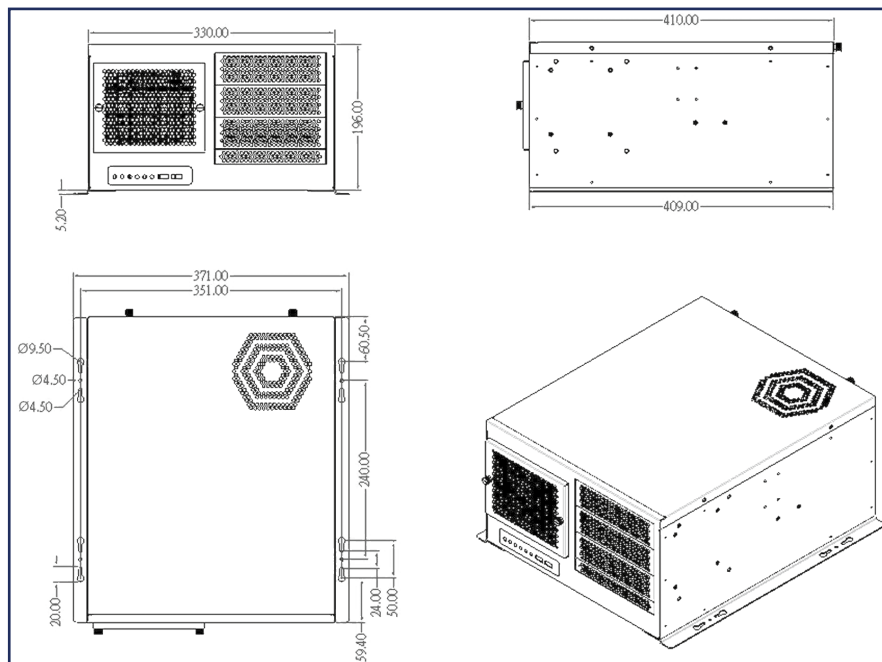
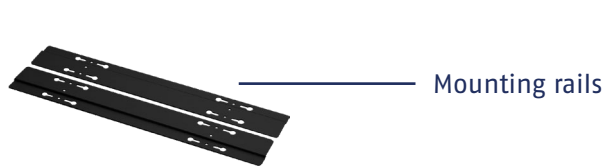
Compliance:

CE (93/68/EWG)
EMV (2014/30/EU)
Low voltage safety (2014/35/EU)

* Depending on SSD type and manufacturer, real measured with Iometer (continuous write mode)
** In full expansion at full load (24/7): 0° ~ 40° C

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Additional illustrations



* Depending on SSD type and manufacturer, real measured with Iometer (continuous write mode)

InoNet Competences and Services



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