

Mayflower®-M7S - 9. Gen.

Compact high performance industrial PC for wall mounting

Features

- ↗ High performance thanks to 9th generation Intel® CPUs
- ↗ 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 RAID 0/1/5/10, Watchdog timer, TPM

Processor:

Intel® Core™ i 9th Generation
Chipset: Intel® Q370
Up to 95 Watt TDP

Memory:

4x DIMM, max. 128 GB
DDR4 2666/2400/2133 MHz

I/O:

Back
2x GBit LAN (RJ45)
4x USB 3.2 (Gen 2)
2x USB 3.2 (Gen 1)
4x USB 2.0
1x VGA, 1x HDMI, 1x DP
1x Audio (Line-Out, Line-In, Mic)

Internal

2x USB 2.0
1x RS-232/422/485, 5x RS-232
4x SATA III with 6 Gb/s
1x 8-bit Digital I/O

Drive Bays:

Internal

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"

Power Supply:

500 Watt PS2, 80+
100 ~ 240 VAC full range

Expansions:

1x PCIe x16 (Gen 3)
2x PCIe x4 (Gen 3)
2x PCIe x1 (Gen 3)
2x PCI
full height
2x M.2 (1x M-key, 1x E-key)

Mechanical:

Chassis

Industrial housing 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, 120mm fan

Graphic:

Integrated in CPU
max. 4096 x 2304 @ 60 Hz

Operating System:

Microsoft Windows 10

Environment:

Operating Temperature

0° ~ 55° C**

Storage Temperature

-20° ~ 70° C

Relative Humidity

10 ~ 90 % (non condensing)

IP Protection

IP20

Compliance:

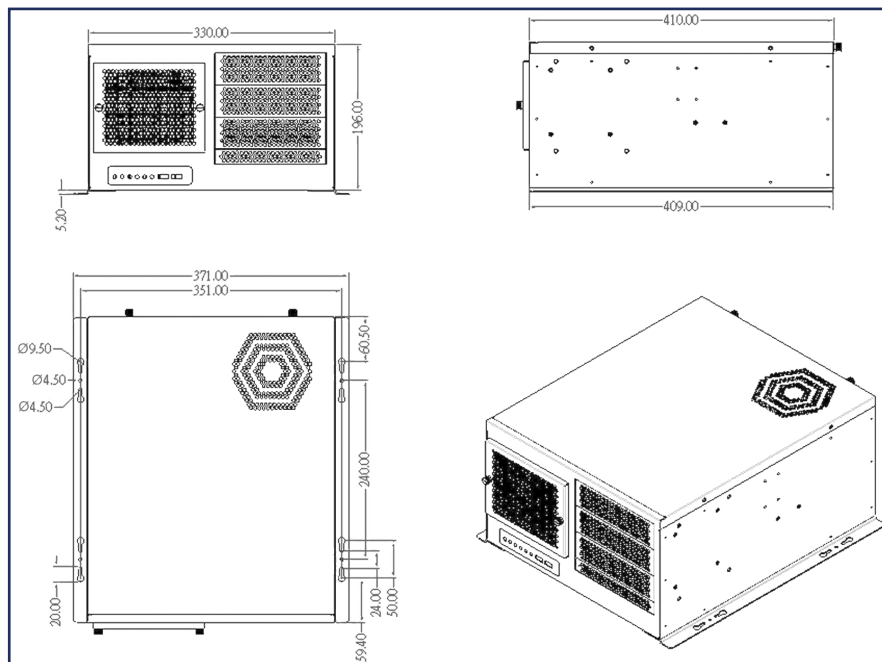
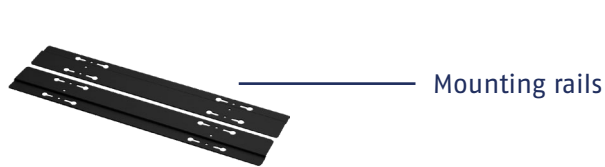
CE (93/68/EWG)
EMV (2014/30/EU)
Low voltage safety (2014/35/EU)

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

** In full expansion at full load (24/7): 0° ~ 40° C

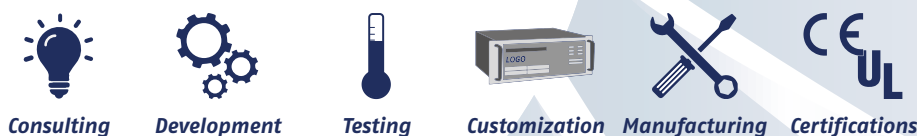
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Additional illustrations



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

InoNet Competences and Services



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