

## Mayflower®-M7S - 10. Gen.

Compact high performance industrial PC for wall mounting

### Features

- ↗ High performance thanks to 10th 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

#### Processor:

Intel® Core™ i 10<sup>th</sup> Generation  
Chipset: Intel® Q470E  
Up to 125 Watt TDP

#### Memory:

4x U-DIMM, max. 128 GB  
DDR4 2400/2666/2933 MHz

#### I/O:

**Back**  
1x GBit LAN (RJ45)  
1x 2.5GBit LAN (RJ45)  
1x RS-232/422/485  
3x USB 3.2 (Gen 2)  
1x USB-C 3.2 (Gen 2)  
2x USB 2.0  
1x VGA, 1x HDMI, 2x DP (max. 3 usable at the same time)  
1x PS/2 (combo port)  
1x Audio (Line-Out, Line-In, Mic)

**Internal**  
2x USB 3.2 (Gen 1)  
2x USB 2.0 (USB-A), 2x USB 2.0  
1x RS-232/422/485, 4x RS-232  
Up to 6x SATA III with 6 Gb/s  
1x SPI TPM  
1x I2C, 1x LPT, 1x GPIO, 1x S/PDIF

#### 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:

2x PCIe (Gen 3): 1x x16 or 2x x8  
3x PCIe x4 (Gen 3)  
2x PCI  
full height  
3x M.2 (1x M-key, 1x B-key, 1x E-key)  
1x SIM slot (nano)

#### 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:

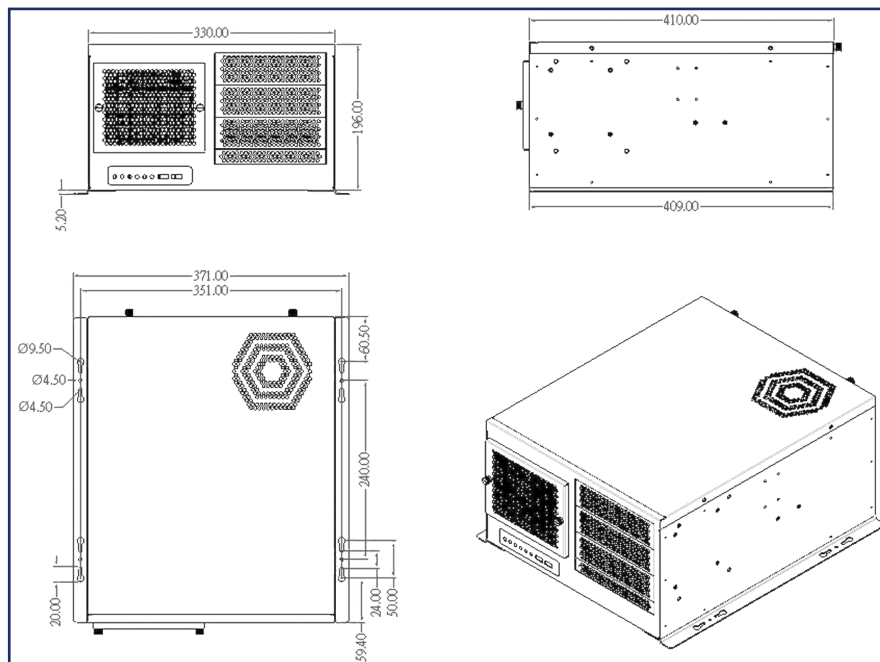
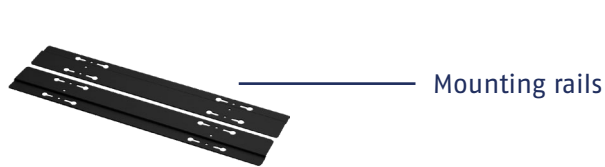
**Operating Temperature**  
0° ~ 55° C\*\*  
**Storage Temperature**  
-20° ~ 70° C  
**Relative Humidity**  
10 ~ 90 % (non condensing)  
**IP Protection**  
IP20

#### Compliance:

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

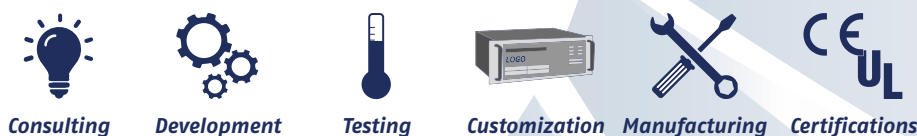
\* Depending on SSD type and manufacturer, real measured with Iometer (continuous write mode)  
\*\* In full expansion at full load (24/7): 0° ~ 40° C

# Mayflower®-M7S - 10. Gen. Additional illustrations



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

## InoNet Competences and Services



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