

Mayflower®-SID-Q670E

19" 2U Industrial PC – low-cost entry model with Intel® Core™ i CPUs 13th Generation

Features

- ↗ 19-inch industrial PC entry-level model
- ↗ High-Performance with Intel® Core™ i CPUs 13th Generation
- ↗ Unbeatable price/performance ratio
- ↗ Drive cage in anti-vibration design
- ↗ 4x M.2 expansion
- ↗ Robust full-industrial components

Configuration example

Further configurations on request!

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

Processor:
Intel® Core™ i 12th Generation
Chipset: Intel® Q670E

Memory:
4x DDR5 DIMM, max. 128GB

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

Drive Bays:
Internal
2x 2.5" , 2x 3.5"
External
2x 5.25"

Environment:
Operating Temperature
0° ~ 50° C*
Storage Temperature
-40° ~ 85° C
Relative Humidity (operation)
0 ~ 90 % (non condensing)

Features:
Watchdog Timer
TPM 2.0 (onboard)

Power Supply:
90 ~ 264 VAC, 400 Watt
PS2 ATX, 80 Plus

Expansions:
2x M.2 (M-key, Type: 2242/2280)
1x M.2 (E-key, Type: 2230)
1x M.2 (B-key, Type: 2242/3042/3052)
1x PCIe x16 (Gen 5) or 2x PCIe x8
1x PCIe x4 (Gen 4)
1x PCIe x4 (Gen 3)
4x low-profile slots

Mechanical:
Chassis
19 inch 2U rackmount chassis
Dimensions (W x H x D)
428 x 88 x 425 mm
Cooling
Active, 2x 60 mm fans

I/O:
Back
2x 1 GBit LAN (RJ45)
4x USB 3.2 (Gen 2)
1x RS-232/422/485
1x DisplayPort 1.4
1x HDMI 2.0
1x VGA
3x Audio (Line-Out, Line-In, Mic)
Front
2x USB 3.2 (Gen 1)
Internal
1x USB 3.2 (Gen 1) 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



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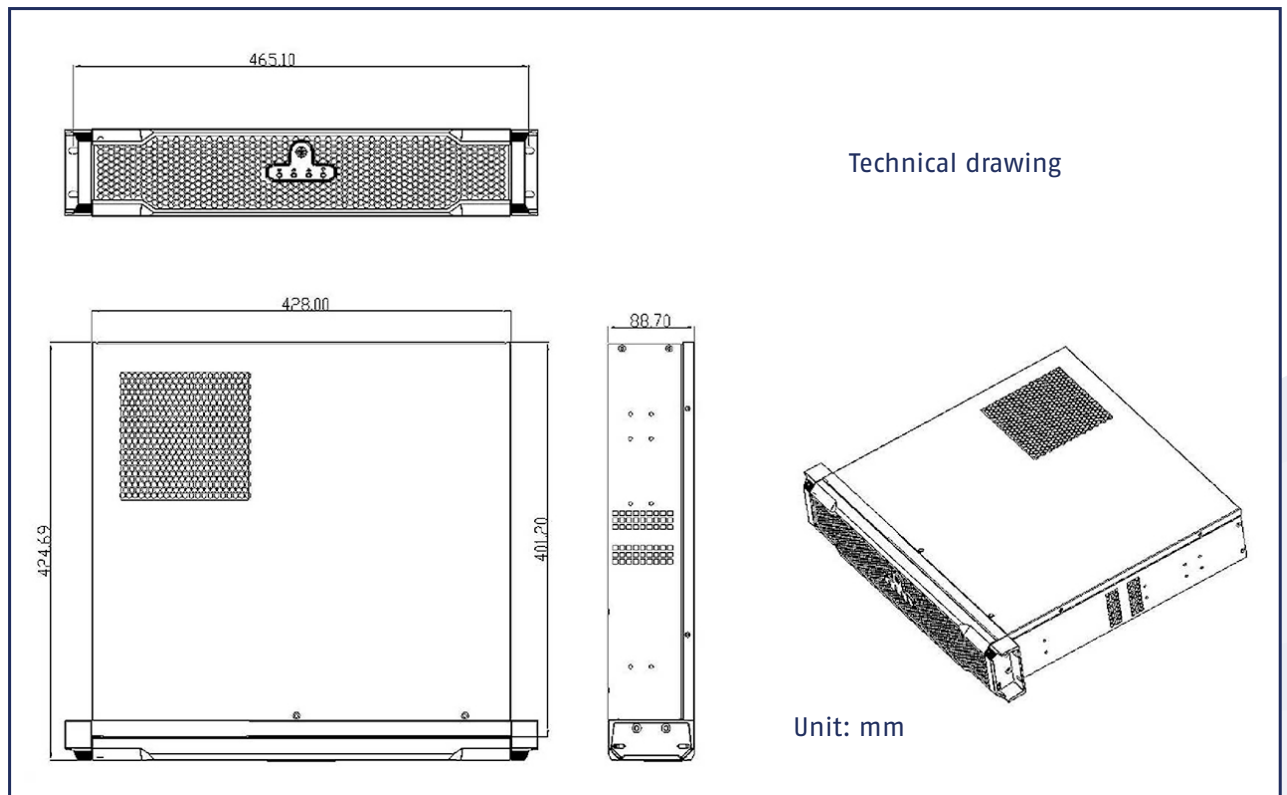
Additional illustrations




Rear view



Front view (open)



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