

Mayflower®-I-H420E

Flexible 19" 1U system incl. alarm module. Powerful due to Intel® Core™ i CPUs of the 10th generation.

Features

- *High-Performance with Intel® Core™ i CPUs 10th Generation*
- *1x full-size expansion slot*
- *Robust full-industrial components for 24/7 operation*
- *Up to 3 drive slots*
- *Air filter replaceable from the front*
- *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 10th Generation
Chipset: Intel® H420E

Memory:

2x DDR4 DIMM, max. 64 GB

Graphic:

Intel® UHD 630 (integrated in CPU)

Drive Bays:

Internal
1x M.2 (M-key, type: 2280)
1x 3.5" or 2x 2.5"
External
1x 3.5", 1x Slim ODD

Operating System:

Microsoft® Windows® 10/11, Linux®

Features:

Watchdog Timer
TPM 2.0 module (optional)

Power Supply:

90 ~ 264 VAC, 300 Watt
FlexATX, 80 Plus

Expansions:

1x PCI, full size
On request: 1x PCIe x16 (Gen 3)

Mechanical:

Chassis
19 inch 1U rackmount chassis
Dimensions (W x H x D)
426 x 44 x 497 mm
Cooling
Active, 2x 40 mm fans

I/O:

Back
2x 1 GBit LAN (RJ45)
6x USB 3.2 (Gen 1)
2x RS-232
1x RS-232/422/485 (optional)
1x DVI-D
1x VGA
2x Audio (Line-out, Mic)
Front
2x USB 2.0
Internal
2x USB 2.0 type A
1x GPIO Header (8 Bit)

Environment:

Operating Temperature
0° ~ 45° C*
Storage Temperature
-20° ~ 60° C
Relative Humidity (operation)
10 ~ 85 % (non condensing)

*Ambient temperature at full expansion at full load in 24/7 operation: 0°~40°C



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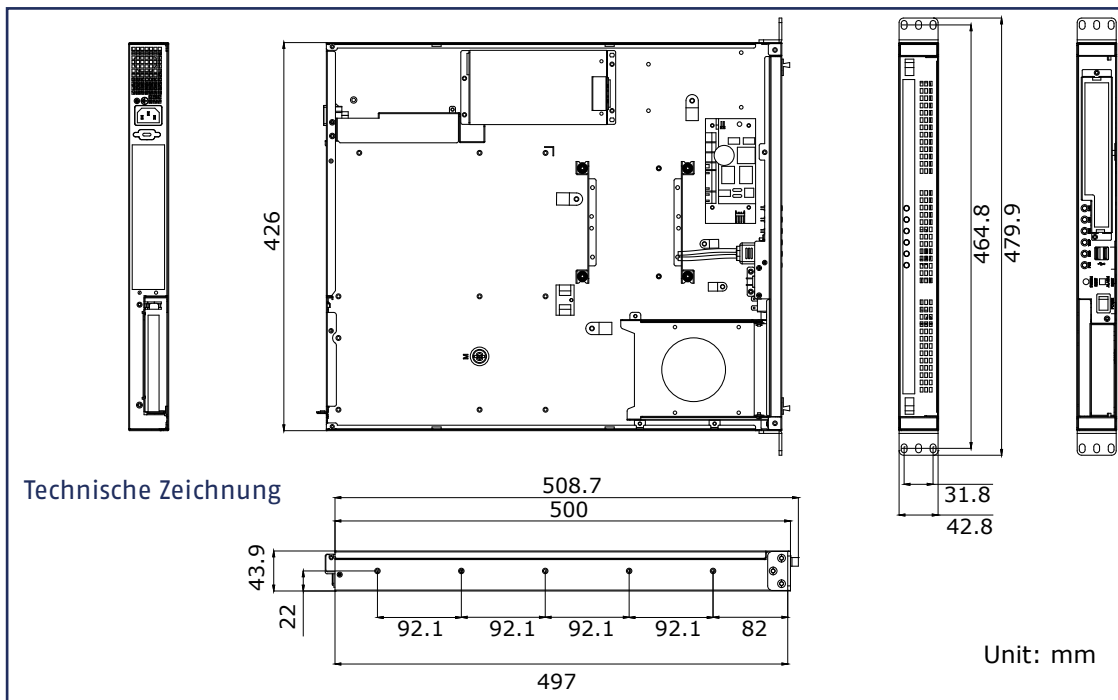
Additional illustrations



Rear view



Front view (open)



InoNet Competences and Services



Consulting



Development



Testing



Customization



Manufacturing



Certifications

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