

ACS-2311A

Intel Elkhart Lake Compact Embedded System



Features /

- Intel Elkhart Lake J6412/x6413E Processor
- 1 x 260-pin SO-DIMM up to 32GB DDR4
- Support 1 x GbE LAN and 1 x 2.5GbE LAN
- Support 1 x Expansion Bus / 2 x USB 3.2 Gen.1 / 4 x USB 2.0 and 6 x RS-232
- Wide Range DC 9~36V Input

Specifications /

System	
CPU	Intel Celeron J6412 4-core 2.0GHz, 10W Intel Atom x6413E 4-core 1.5GHz, 9W
System Chipset	SoC
System Memory	1 x 260-pin SO-DIMM up to 32GB DDR4
TPM	TPM2.0
BIOS	AMI
I/O Interface	
USB	2 x USB 3.2 Gen1 type A 4 x USB 2.0
Serial/Parallel	1 x RS-232/422/485, DB-9 (default RS-232) 5 x RS-232
Audio	1 x Line-out
Display	1 x HDMI 2.0b, up to 3840 x 2160 @60Hz 1 x DP 1.4 include DP++, up to 4096 x 2160 @60Hz
LAN	1 x GbE LAN, RJ-45 (i210AT) 1 x 2.5GbE LAN, RJ-45 (i225LM)
Power	1 x 3-pin DC Power Input, Terminal Block 1 x Power Button
Storage Space	
HDD	1 x M.2 B Key 2242/2280 for SSD (SATA 3) (default) 1 x MO-297 SATA (option)
Expansion	
On Board Expansion	1 x Full-size Mini-PCIe cards with 1 x SIM slot 1 x M.2 E-Key 2230 for WiFi/Bluetooth Module
Others	
Others	4 x SMA-female connectors' holes for external antennas
Power	
Power Input	DC 9~36V
Mechanical	
Construction	Aluminum Heatsink and Steel Chassis
Mounting	Wall Mount / DIN Rail (optional)
Dimensions	207 x 130 x 59.5 mm (for Wall Mount) 180 x 130 x 58.5 mm (for DIN Rail)
Net Weight	2 kg
Environmental	
Operating Temperature	-20~60°C / -30~70°C (for option)
Storage Temperature	-40~85°C
Storage Humidity	10 to 90%@ 40°C, non-condensing
Certificate	Meet CE/FCC Class A
Operating System Support	
Windows 10 IoT, Windows 11 IoT, Ubuntu 18.04	

Box PC

All specifications and photos are subject to change without notice.

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Industrial Panel PC

HMI Cotroller

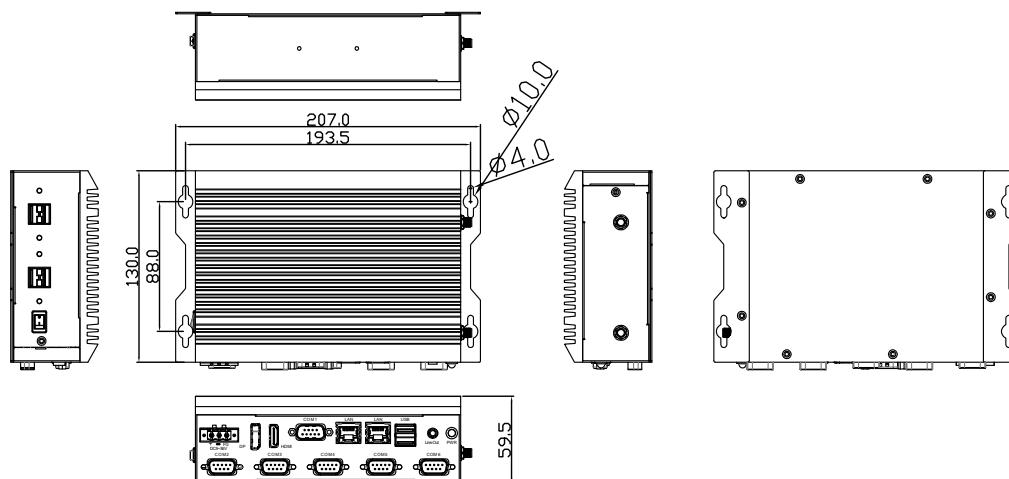
Industrial
Display Monitor

Box PC

Dimensions

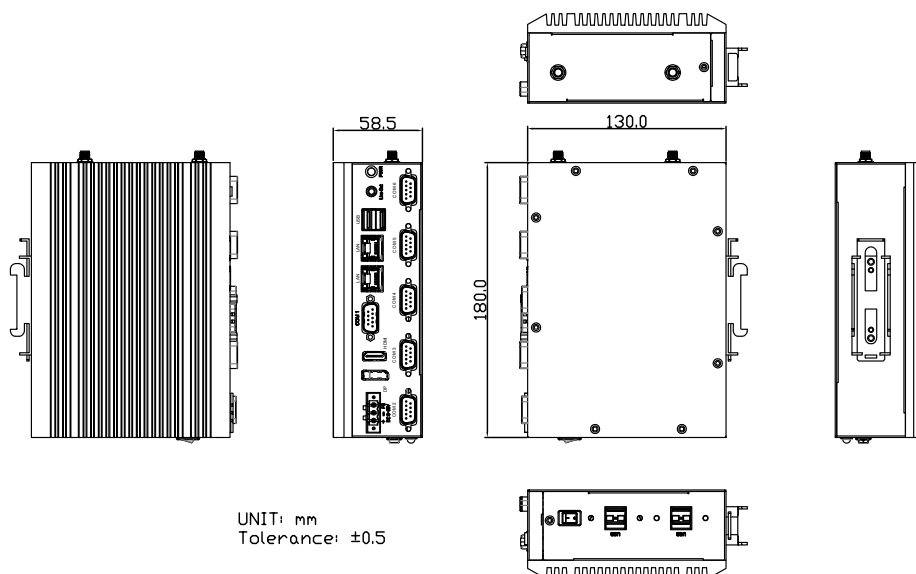


ACS-2311A Wall Mount



UNIT: mm
Tolerance: ± 0.5

ACS-2311A DIN Rail



UNIT: mm
Tolerance: ± 0.5

Ordering Information

ACS-2311A
(barebone)

Fanless Box PC, Intel Celeron J6412/x6413E CPU, 1 x SO-DIMM DDR4 slot up to 32GB, 1 x M.2 B-Key for 2242/2280 SATA SSD, 1 x DP, 1 x HDMI, 1 x M.2 E-Key for WIFI/BT, 9~36V DC power input with adaptor, Steel Chassis with Aluminum Heatsink

V1.4

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