

**Fanless Box-PC ACS-2310A,
Intel® Celeron® J6412
Intel® Atom® x6413E**



- Light to medium applications
- HDMI 2.0b, DisplayPort 1.4
- Flexible input voltage 9 VDC to 36 VDC
- Various Windows versions, e.g. Windows 10 IoT or Windows 11 IoT

<https://www.wachendorff-prozesstechnik.de/en/acs-2310a>

Description

The ACS-2310A series is based on an Intel® Celeron® J6412 quad-core processor (2.0 GHz, 10 W TDP). The compact, fanless design enables effective heat dissipation, even in demanding environments. The ACS-2310A series offers reliable performance even under difficult conditions thanks to its robust aluminum and steel housing. Expansion cards for additional interfaces can be easily integrated. This powerful yet energy-efficient platform is ideal for industrial applications such as automation, process monitoring and data acquisition.

Product details

Power supply:	9 VDC to 36 VDC
Processor:	Intel® Celeron® J6412, 4-C, 2.0 GHz, 10 W Intel® Atom® x6413E, 4-C, 1.5 GHz, 9 W
RAM:	1 x 260-pin SO-DIMM up to 32GB DDR4
SSD/HDD:	1 x M.2 M-Key 2242/2280 for SSD (SATA3), 1 x MO-297 SATA (optional)
Interfaces:	USB: 2x USB 3.2 Gen1 type A Serial: 1 x RS-232/422/485, DB-9 (standard: RS-232) Ethernet: 1 x Gigabit Ethernet LAN RJ-45 (i210AT), 1 x 2.5 GbE LAN RJ-45 (i225LM) Power supply: 1 x 3-pin DC power input terminal block, 1 x power LED Audio: 1 x audio output Video: 1 x HDMI 2.0b, up to 3840 x 2160 @ 60 Hz, 1 x DisplayPort 1.4 incl. DP++, up to 4096 x 2160 @ 60 Hz
Expansion slots:	1 x Mini PCIe full-size card with 1 x SIM slot 1 x M.2 E-Key 2230 for WLAN/Bluetooth module
Housing:	Aluminum heat sink in titanium grey with black steel chassis
Assembly:	Wall mounting / top-hat rail mounting (optional)
Dimensions:	207 x 130 x 41 mm (for wall mounting) 180 x 130 x 40 mm (for top-hat rail mounting)
Weight:	1.5 kg

Ambient conditions:	Operation: -20 °C to +60 °C, or -30 °C to +70 °C (optional) Storage: -40 °C to +85 °C 10 % to 90 @ 40 °C , non-condensing
Certifications:	CE / FCC Class A, RoHSs
Operating systems:	Windows® 10 IoT Windows® 11 IoT
Options:	4 x SMA socket openings for external antennas
Scope of delivery:	Device
Customs tariff number:	84715000
Manufacturer:	Aplex Technology Inc.

Products Order no.

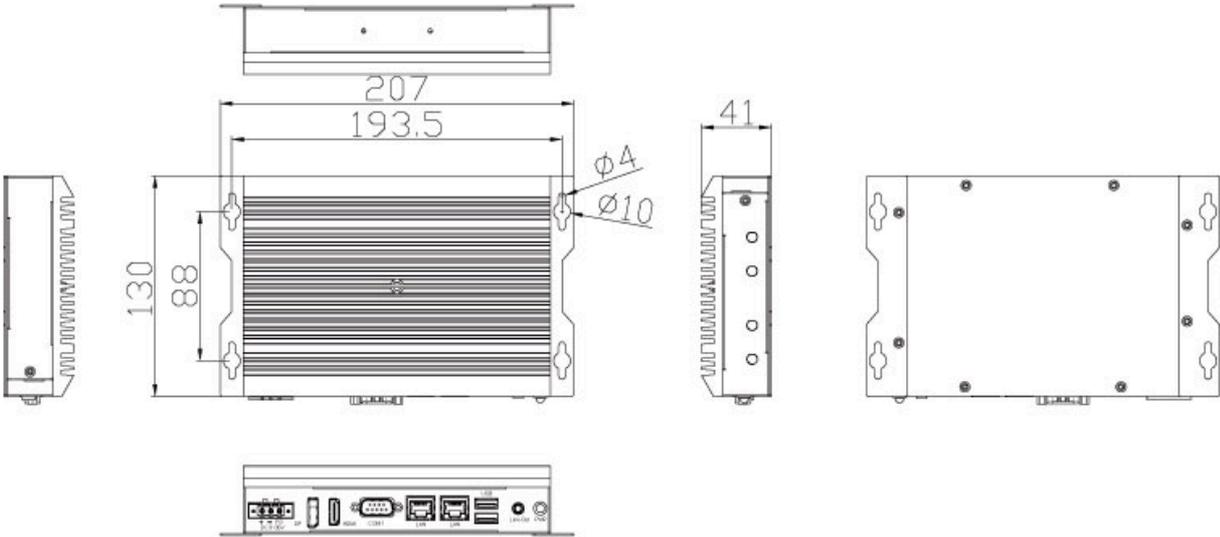
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Accessories Order no.

ETHSWG5C	5-way Ethernet switch, unmanaged
ETHSWG8C1	8-port Ethernet switch, Gigabit, unmanaged

Drawings

Dimensions (mm):





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