

**Fanless Box-PC ACS-2311A,  
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-2311a>

**Description**

The ACS-2311A model 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-2311A series model 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, 4 x USB 2.0 Serial: 1 x RS-232/422/485 DB-9 (standard: RS-232), 5 x 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 and steel housing
Assembly:	Wall mounting / top-hat rail mounting (optional)
Dimensions:	207 x 130 x 59.5 mm (for wall mounting) 180 x 130 x 58.5 mm (for top-hat rail mounting)
Weight:	2.0 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
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.**

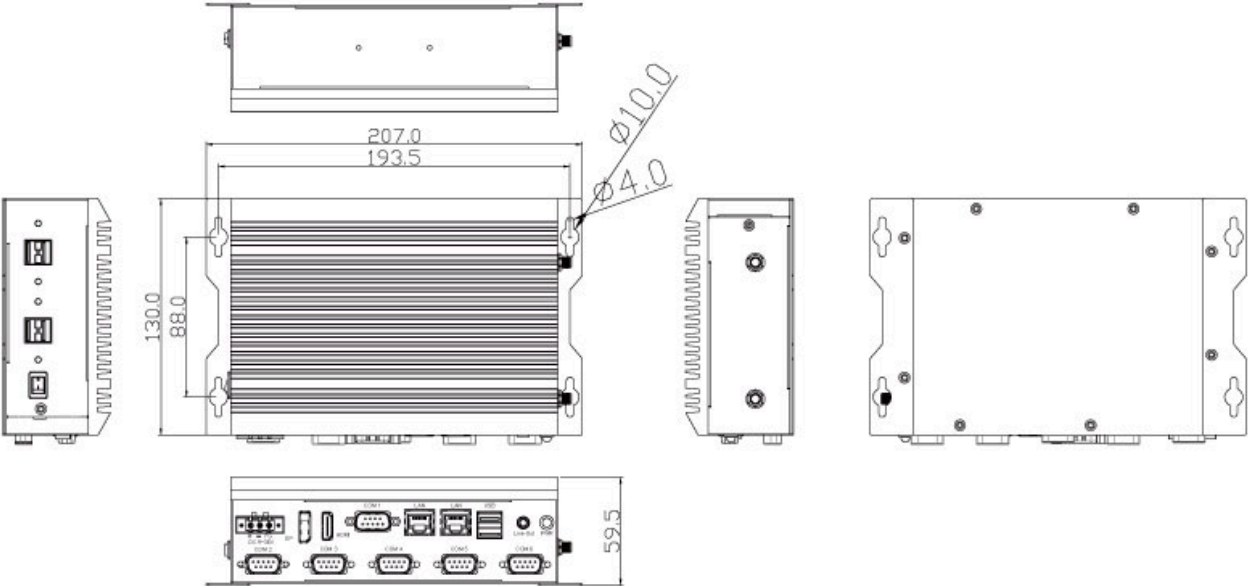
ACS-2311A	Fanless Box-PC, Intel® Celeron® J6412
-----------	---------------------------------------

**Accessories Order no.**

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

**Drawings**

**Dimensions (mm) and STEP-Viewer:**



UNIT: mm  
Tolerance:  $\pm 0.5$



Wachendorff Prozesstechnik GmbH & Co. KG  
Industriestrasse 7 • 65366 Geisenheim  
Germany

Phone: +49 (0) 67 22 / 99 65 - 20  
E-Mail: [wp@wachendorff.de](mailto:wp@wachendorff.de)  
[www.wachendorff-prozesstechnik.de](http://www.wachendorff-prozesstechnik.de)

