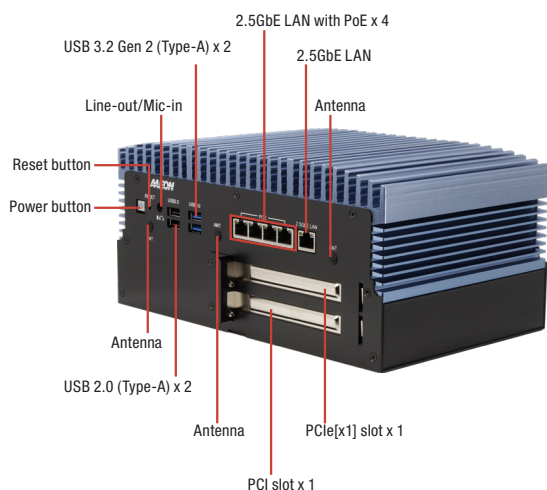


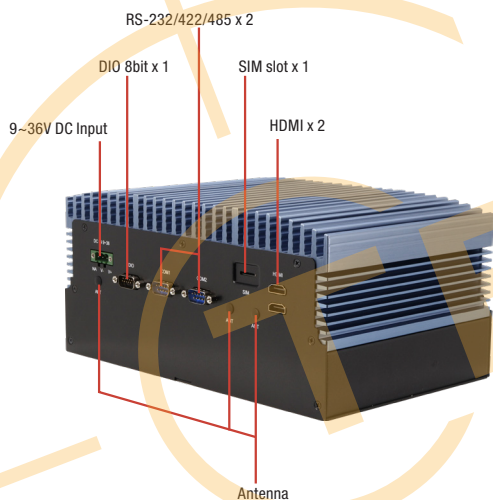
BOXER-6801-RAP

Fanless Embedded Computer with 13th Gen Intel® Core™ i7/i5/i3 Mobile Processors

Front View



Rear View



Features

- 13th Gen Intel® Core™ i7/i5/i3 Mobile Processors
- DDR5 SODIMM x 2, up to 96GB
- 2.5 GbE LAN x 5 (4 with PoE Functionality, Sharing 60W In Total)
- PCIe [x1] Slot x 1 & PCI Slot x 1
- 9V-36V DC Input with Protection Circuit
- Wide -20°C~60°C Operating Temperature
- Onboard TPM 2.0

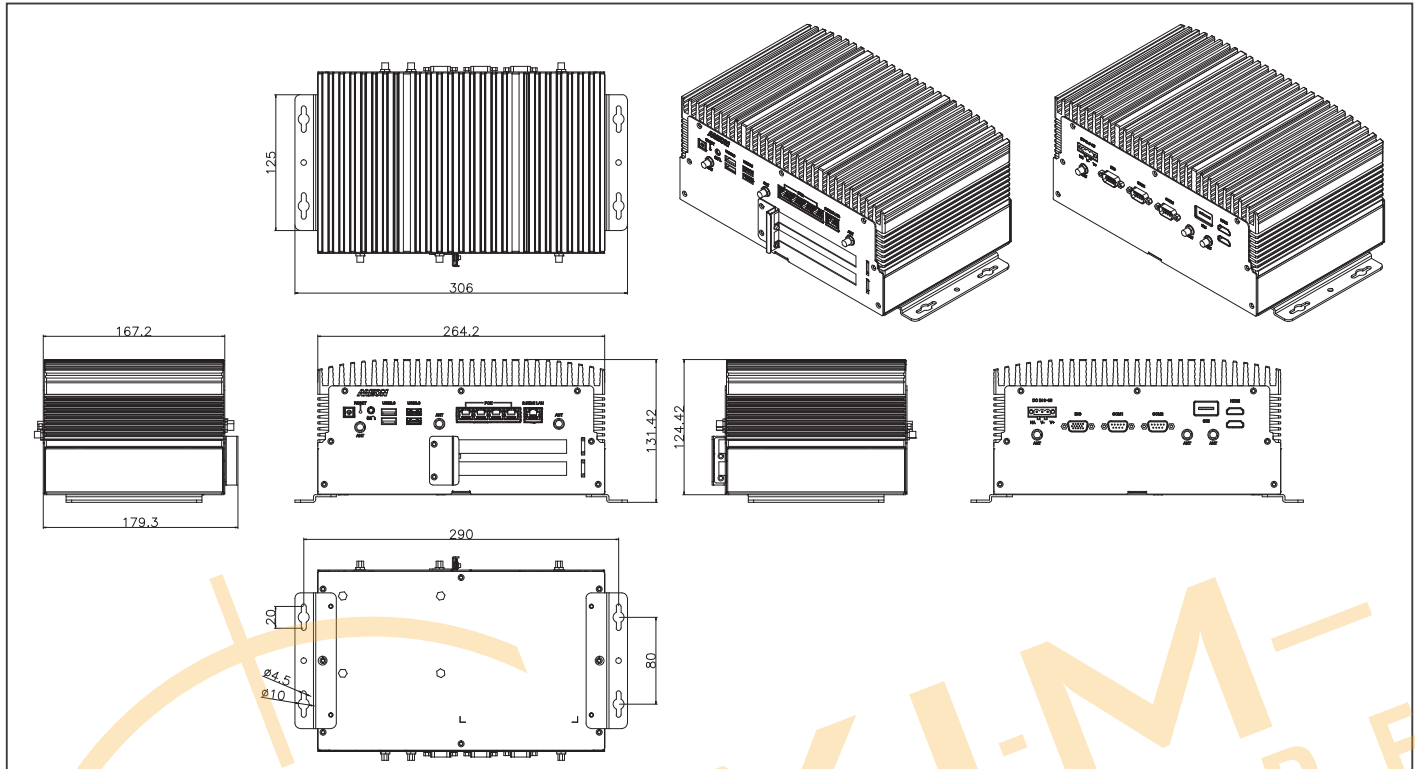


Specifications

System	
CPU	13th Gen Intel® Core™ Processors, Max. 28W: Intel® Core™ i7-1370PE Processor Intel® Core™ i5-1340PE Processor Intel® Core™ i3-1320PE Processor
Chipset	Intel® SoC
System Memory	DDR5 SODIMM x 2, up to 96GB
Display Interface	HDMI x 2
Storage Device	2.5" SATA Drive Bay x 1 M.2 2280 M-Key x 1 (PCIe Gen 4 [x4])
Ethernet	2.5GbE x 5 (Intel® Ethernet Controller I226-LM)
I/O	2.5GbE x 4 (IEEE 802.3af/at PoE support, providing a total power budget of 60W across all ports) Note: When the input voltage is ≤12V, the system supports PoE with a maximum combined output of <20W. USB 3.2 Gen 2 (Type-A) x 2 USB 2.0 (Type-A) x 2 DB-9 x 2 for RS-232/422/485 DB-15 x 1 for DIO 8-bit Front-access SIM Slot x 1 3.5mm Jack x 1 for Line-out/Mic-in Antenna Opening x 6 Reset Button x 1 Power Button x 1
Expansion	M.2 2280 M-Key x 1 M.2 2230 E-Key x 1 (PCIe) M.2 3052 B-Key x 1 (USB) with SIM slot PCIe [x1] Slot x 1 (Max size: 150mm x 110mm x 20mm) PCI Slot x 1 (Max size: 150mm x 110mm x 20mm)
Indicator	—
OS Support	Windows® 10 IoT 2021 LTSC Windows® 11 IoT LTSC Ubuntu 24.04 above
Power Supply	
Power Requirement	9V-36V DC Input via 3-pin Terminal Block, with built-in protection circuit
Mechanical	
Mounting	Wallmount (Optional: DIN Rail Mount)
Dimensions (W x H x D)	10.3" x 7" x 4.8" (264mm x 179mm x 124mm) w/o Brackets
Gross Weight	13.89 lb (6.3 Kg)
Net Weight	10.80 lb (4.9 Kg)
Environmental	
Operating Temperature	-4°F ~140°F (-20°C ~ 60°C) with 0.7 m/s airflow (with wide temp. memory/storage)
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
Storage Humidity	5 ~ 95% @ 40°C, non-condensing
Anti-Vibration	With SSD: Random, 3Grms, 5~500Hz
Anti-Shock	With SSD: 50G @ wallmount, Half-sine, 11ms
Certification	CE/FCC Class A

Dimension

Unit: mm



Part Number	Chipset	Cooler	Storage	Display	LAN	USB	RS-232/422/485	Expansion Slot	Power
BOXER-6801-RAP-A1-1010	Intel® Core™ i3-1320PE Processor	Fanless	2.5" SATA Drive Bay x 1 M.2 2280 M-key x 1	HDMI x 2	2.5GbE x 5	USB 3.2 Gen 2 (Type-A) x 2 USB 2.0 (Type-A) x 2	2	M.2 2280 M-key x 1 M.2 2230 E-key x 1 (PCIe) M.2 3052 B-Key x 1 (USB) with SIM slot PCIe[x1] slot x1 PCI slot x1	DC-in 9~36V
BOXER-6801-RAP-A2-1010	Intel® Core™ i5-1340PE Processor	Fanless	2.5" SATA Drive Bay x 1 M.2 2280 M-key x 1	HDMI x 2	2.5GbE x 5	USB 3.2 Gen 2 (Type-A) x 2 USB 2.0 (Type-A) x 2	2	M.2 2280 M-key x 1 M.2 2230 E-key x 1 (PCIe) M.2 3052 B-Key x 1 (USB) with SIM slot PCIe[x1] slot x1 PCI slot x1	DC-in 9~36V
BOXER-6801-RAP-A3-1010	Intel® Core™ i7-1370PE Processor	Fanless	2.5" SATA Drive Bay x 1 M.2 2280 M-key x 1	HDMI x 2	2.5GbE x 5	USB 3.2 Gen 2 (Type-A) x 2 USB 2.0 (Type-A) x 2	2	M.2 2280 M-key x 1 M.2 2230 E-key x 1 (PCIe) M.2 3052 B-Key x 1 (USB) with SIM slot PCIe[x1] slot x1 PCI slot x1	DC-in 9~36V

Packing List

- BOXER-6801-RAP x 1
- Wallmount Bracket x 2
- Screw Package x 1
- 3 Pin DC-in Power Connector x 1

Optional Accessories

- 170X001024
Power Cord (European Type)
- 170X000799
Power Cord (US type)
- 170X000803
Power Cord (Japanese Type)
- 1255X00102
19V 180W Power Adapter

Disclaimer

ALL PRODUCTS, PRODUCT SPECIFICATIONS AND DATA ARE SUBJECT TO CHANGE WITHOUT NOTICE TO IMPROVE RELIABILITY, FUNCTION OR DESIGN OR OTHERWISE.

Texim Europe B.V. its affiliates, agents, and employees, and all persons acting on its or their behalf (collectively, "Texim"), disclaim any and all liability for any errors, inaccuracies or incompleteness contained in any datasheet or in any other disclosure relating to any product.

Texim makes no warranty, representation or guarantee regarding the suitability of the products for any particular purpose or the continuing production of any product.

It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application.

Parameters provided in datasheets and / or specifications may vary in different applications and performance may vary over time.

All operating parameters, including typical parameters, must be validated for each customer application by the customer's technical experts.

Please contact us if you have any questions about the contents of the datasheet.

This may not be the latest version of the datasheet. Please check with us if a later version is available.





Headquarters & Warehouse

Elektrostraat 17
NL-7483 PG Haaksbergen
The Netherlands

T: +31 (0)53 573 33 33
E: info@texim-europe.com
Homepage: www.texim-europe.com



The Netherlands

Elektrostraat 17
NL-7483 PG Haaksbergen

T: +31 (0)53 573 33 33
E: nl@texim-europe.com



Belgium

Zuiderlaan 14, box 10
B-1731 Zellik

T: +32 (0)2 462 01 00
E: belgium@texim-europe.com



UK & Ireland

St Mary's House, Church Lane
Carlton Le Moorland
Lincoln LN5 9HS

T: +44 (0)1522 789 555
E: uk@texim-europe.com



Germany

Bahnhofstrasse 92
D-25451 Quickborn

T: +49 (0)4106 627 07-0
E: germany@texim-europe.com



Germany

Martin-Kollar-Strasse 9
D-81829 München

T: +49 (0)89 436 086-0
E: muenchen@texim-europe.com



Austria

Martin-Kollar-Strasse 9
D-81829 München

T: +49 (0)89 436 086-0
E: austria@texim-europe.com



Nordic

Stockholmsgade 45
2100 Copenhagen

T: +45 88 20 26 30
E: nordic@texim-europe.com



Italy

Martin-Kollar-Strasse 9
D-81829 München

T: +49 (0)89 436 086-0
E: italy@texim-europe.com