

BOXER-6641-PRO

Fanless Embedded Box PC with Socket Type 8th/9th Generation Intel® Processor

Front View



Rear View



Distributed by:



Features

- Wide Operating Temperature -40~70°C with “Graphene” Chassis for Extreme Computing Power & Graphic Display Capability
- Desktop Grade Socket Type Core™ - i3/i5/i7 Processor (CPU TDP 35W)
- Supports DDR4 ECC or Non-ECC SODIMM, Up to 64GB
- Supports HDMI x 2 Dual Display
- Supports Intel® GbE LAN x 4 (i211 x 3 + i219 x 1)
- Supports Intel® AMT (A2 Model)
- Supports RAID 0/1 Function (A2 Model)
- Wide Range DC 10~35V Input

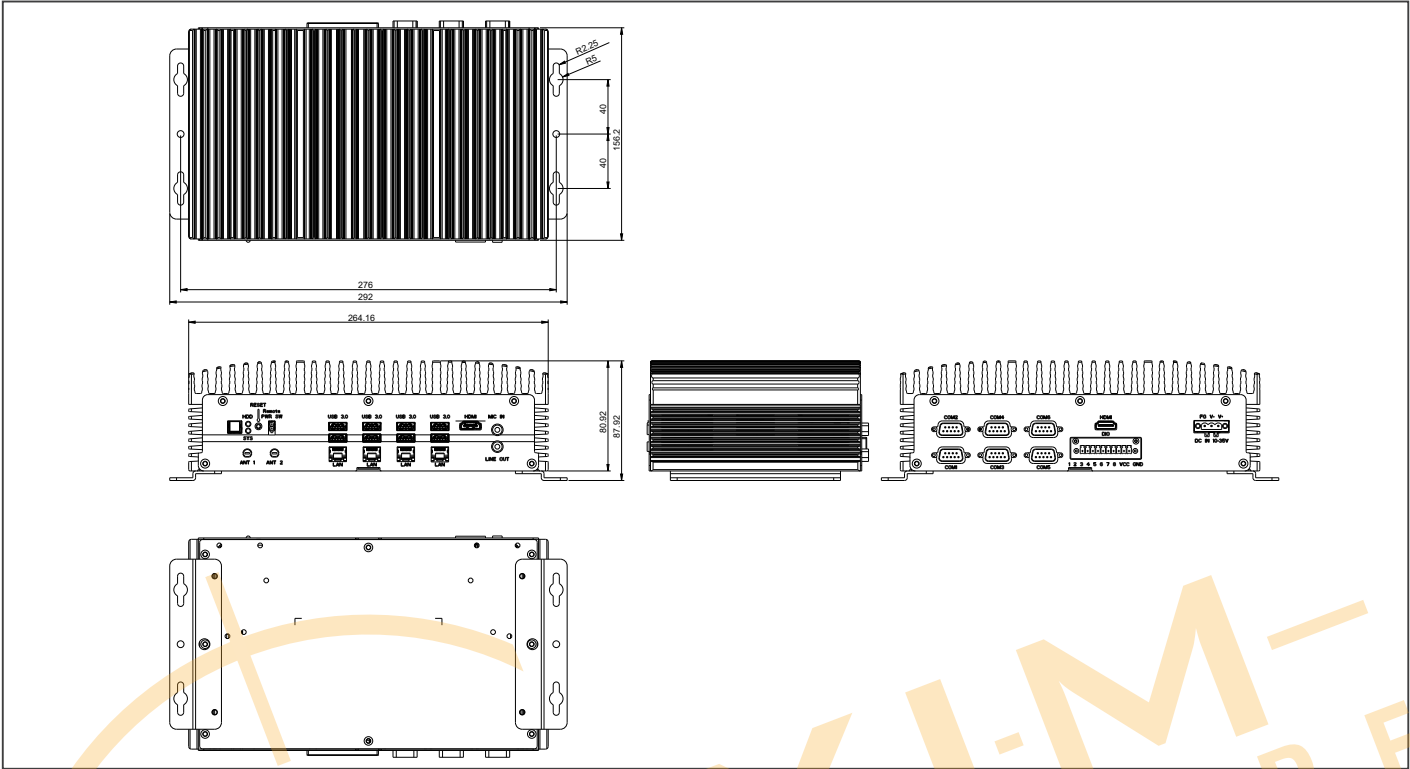


Specifications

System	
CPU	Intel® i7-9700TE Intel® i7-8700T Intel® i5-8500T Intel® i3-8100T Pentium® G5400T Celeron® G4900T
Chipset	Intel® C246/H310
System Memory	DDR4-2666 SO-DIMM slot x 2, Up to 64GB, ECC or Non-ECC Support
Display Interface	HDMI x 2
Storage Device	2.5" SATA HDD/SSD Bay x 2
Ethernet	Intel® i211 x 3, i219 x 1
I/O	HDMI x 2 RJ-45 x 4 for GbE LAN (i211 x 3, i219 x 1) USB 3.2 Gen 1 x 4, USB2.0 x 4 (A1 model) USB 3.2 Gen 1 x 8 (A2 model) DB-9 x 6 for RS-232/422/485 10 pin Terminal Block for 8-bit DIO Audio x 1 (MIC-in, Line-out) 3 pin 10~35V Power Input x 1 Power Button x 1 Remote Power switch x 1 Reset Button x 1
Expansion	Full-size Mini PCIe x 1 Full-size Mini Card x 1 (PCIe/mSATA switch by BIOS, Default: mSATA) SIM slot x 1
Indicator	HDD LED x 1 SYS LED x 1
OS support	Windows® 10 64-bit Linux Ubuntu 20.04.2
Power Supply	
Power Requirement	3-pin DC Input 10~35V
Mechanical	
Mounting	Wall mount kit
Dimensions (W x H x D)	10.4" x 3.19" x 6.15" (264.2mm x 80.92mm x 156.2mm)
Gross Weight	10.4 lb (4.7 kg)
Net Weight	8.2 lb (3.7 kg)
Environmental	
Operating Temperature	-40°F ~ 158°F (-40°C ~ 70°C), according to IEC68-2-14 with 0.5 m/s AirFlow
Storage Temperature	-40°C ~ 80°C
Storage Humidity	5 ~ 95% @ 40C, non-condensing
Anti-Vibration	2 Grms/ 5 ~ 500Hz/ operation (with SSD)
Anti-Shock	—
Certification	CE/FCC class A

Dimension

Unit: mm



Ordering Information

Part Number	Chipset	LAN	USB 3.2 Gen 1	USB 2.0	DIO	RS-232/422/485	Audio	Storage	Display	Expansion	Mounting	Power	Operation temp.
BOXER-6641-PRO-A1-1010	H310	4	4	4	8bit	6	Mic-in Line-out	Internal 2.5" SATA Drive bay x 2	HDMI x 2	Full-size Mini-Card x 2 SIM x 1	Wallmount	10~35V	-40°F ~ 158°F (-40°C ~ 70°C), according to IEC68-2-14 with 0.5 m/s AirFlow
BOXER-6641-PRO-A2-1010	C246	4	8	—	8bit	6	Mic-in Line-out	Internal 2.5" SATA Drive bay x 2	HDMI x 2	Full-size Mini-Card x 2 SIM x 1	Wallmount	10~35V	-40°F ~ 158°F (-40°C ~ 70°C), according to IEC68-2-14 with 0.5 m/s AirFlow

Packing List

- Wallmount Bracket x 2
- 3 Pin DC-in Power Connector x 1
- 10 pin DIO Connector x 1
- Screw Package x 1
- BOXER-6641-PRO

Optional Accessories

- 125590120B
120W Power Adapter
- 170X000799
Power Cord (US)
- 170X000800
Power Cord (EU)
- 170X000803
Power Cord (JP)

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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.





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