

BOXER-6751-ADP

DIN Rail Fanless Embedded BOX PC with 12th Generation Intel® Core™ Processors

Front View



Rear View



Features

- 12th Gen Intel® Core™ Processors
- DDR4 SODIMM, Max. 32GB
- USB 3.2 Gen 2 x 3 + USB 2.0 x 3
- 2.5GbE x 1 (Intel® I226-LM) + GbE x 1 (Intel® I219-LM)
- RS-232/422/485 x 2
- HDMI x 2 Dual Display Output
- 8-bit Digital Input and Output x 1
- M.2 3052 B-Key for 5G
- Onboard TPM 2.0
- Wide 9 ~ 36V DC Input Range With Power Protection
- Wide -20°C ~ 60°C Temperature Range
- DIN Rail Mount Design

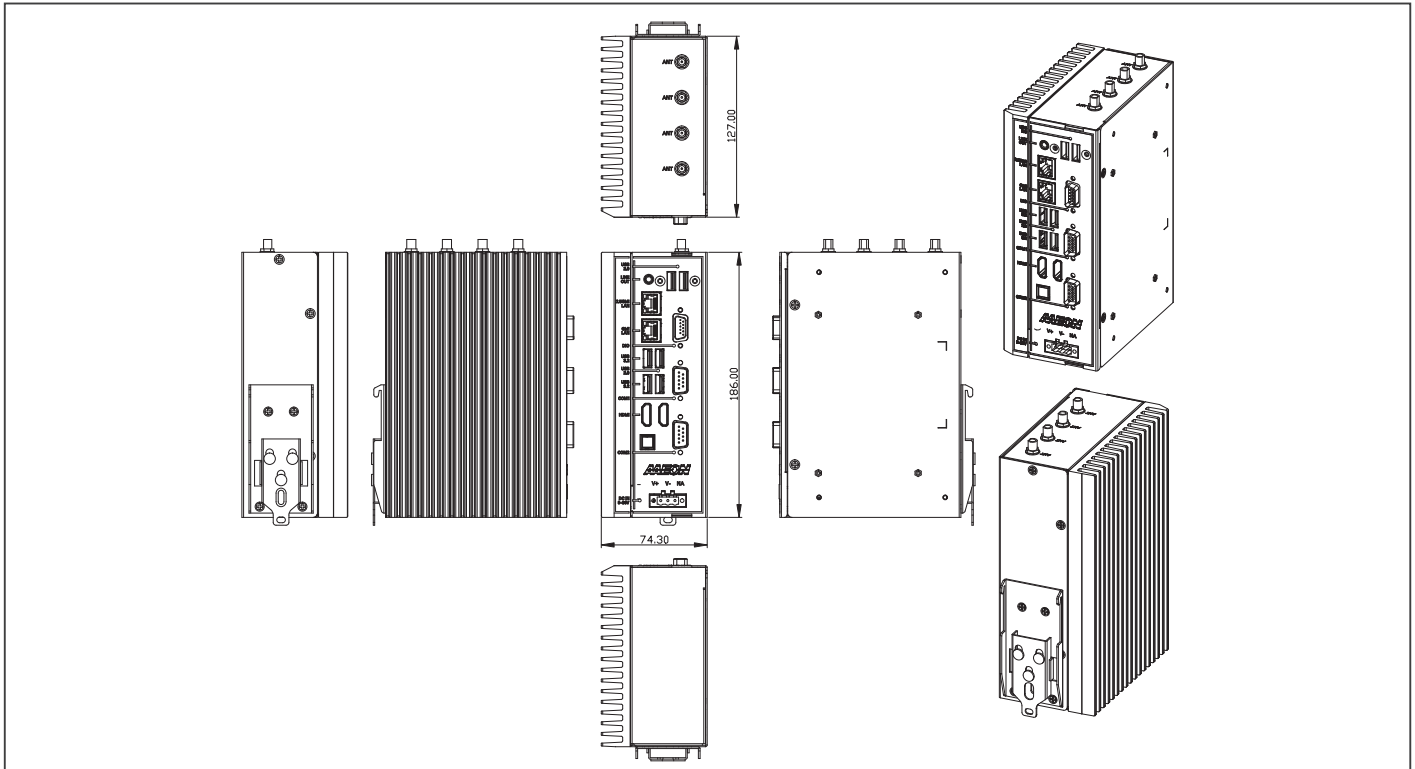


Specifications

System	
CPU	Intel® Core™ i7-1265UE Intel® Core™ i5-1245UE Intel® Core™ i3-1215UE
Chipset	Intel® SoC
System Memory	DDR4 SODIMM x 1, up to 32GB
Display Interface	HDMI 1.4b (Type-A) x 2
Storage Device	2.5" SATA III Drive Bay x 1 M.2 2280 M-Key x 1 (PCIe [x4])
Ethernet	RJ-45 x 1 for Intel® I226-LM, 2.5GbE RJ-45 x 1 for Intel® I219-LM, GbE
I/O	USB 3.2 Gen 2 (Type-A) x 3 USB 2.0 (Type-A) x 3 DB-9 x 2 for RS-232/422/485 DB-15 x 1 for DIO 8-bit HDMI 1.4b (Type-A) x 2 Audio x 1 for Line-Out Power Button x 1 3-pin Terminal Block for DC-in x 1 Antenna Opening x 4
Expansion	M.2 2230 E-Key x 1 (Wi-Fi/BT) M.2 3052 B-Key w/ SIM x 1 (LTE/5G) M.2 2280 M-Key x 1 (NVMe)
Indicator	Power Button with LED
OS Support	Windows® 10 IoT Ent LTSC Windows® 11 PRO Ubuntu 22.04
Power Supply	
Power Requirement	DC 9 - 36V with 3-pin terminal block
Mechanical	
Mounting	DIN Rail Mount Wallmount (Mounting kit is optional)
Dimensions (W x H x D)	2.93" x 7.32" x 5.0" (74.3mm x 186mm x 127mm)
Gross Weight	5.3 lb (2.41 Kg)
Net Weight	3.9 lb (1.77 Kg)
Environmental	
Operating Temperature	-4°F ~ 140°F (-20°C ~ 60°C), IEC68-2 with 0.5 m/s AirFlow
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
Storage Humidity	5 ~ 95% @ 40°C, non-condensing
Anti-Vibration	With SSD: Random, 3 Grms, 5~500Hz
Certification	CE/FCC class A

Dimension

Unit: mm



Ordering Information

PART NUMBER	CPU	PCH	LAN	USB	RS-232	RS-232/422/485	DIGITAL I/O	AUDIO	STORAGE	DISPLAY	EXPANSION	MOUNTING	POWER	OPERATION TEMP
BOXER-6751-ADP-A1-1010	Intel® Core™ i3-1215UE	Soc	2	USB 3.2 Gen 2 x 3 USB 2.0 x 3	—	2	8-Bit DIO	Line-Out	2.5" SATA-III Drive bay x 1 M.2 2280 M Key NVMe Slot x 1	HDMI x 2	M.2 E-Key 2230 x 1 M.2 B-Key 3052 x 1 w/ SIM Slot x 1	DIN Rail Wallmount (Optional)	9~36V	-20°C ~ 60°C
BOXER-6751-ADP-A2-1010	Intel® Core™ i5-1245UE	Soc	2	USB 3.2 Gen 2 x 3 USB 2.0 x 3	—	2	8-Bit DIO	Line-Out	2.5" SATA-III Drive bay x 1 M.2 2280 M Key NVMe Slot x 1	HDMI x 2	M.2 E-Key 2230 x 1 M.2 B-Key 3052 x 1 w/ SIM Slot x 1	DIN Rail Wallmount (Optional)	9~36V	-20°C ~ 60°C
BOXER-6751-ADP-A3-1010	Intel® Core™ i7-1265UE	Soc	2	USB 3.2 Gen 2 x 3 USB 2.0 x 3	—	2	8-Bit DIO	Line-Out	2.5" SATA-III Drive bay x 1 M.2 2280 M Key NVMe Slot x 1	HDMI x 2	M.2 E-Key 2230 x 1 M.2 B-Key 3052 x 1 w/ SIM Slot x 1	DIN Rail Wallmount (Optional)	9~36V	-20°C ~ 60°C

Packing List

- BOXER-6751-ADP x 1
- DIN Rail Kit x 1
- Screw Package x 1
- 3 Pin DC-In Power Connector x 1

Optional Accessories

- 1702031802
Power Cord (US type)
- 1702031803
Power Cord (European Type)
- 170203180E
Power Cord (Japanese Type)
- 1255X00059
120W Power Adapter