

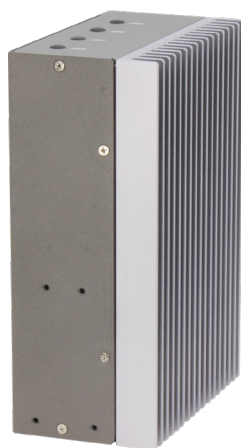
BOXER-6751-ADP

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

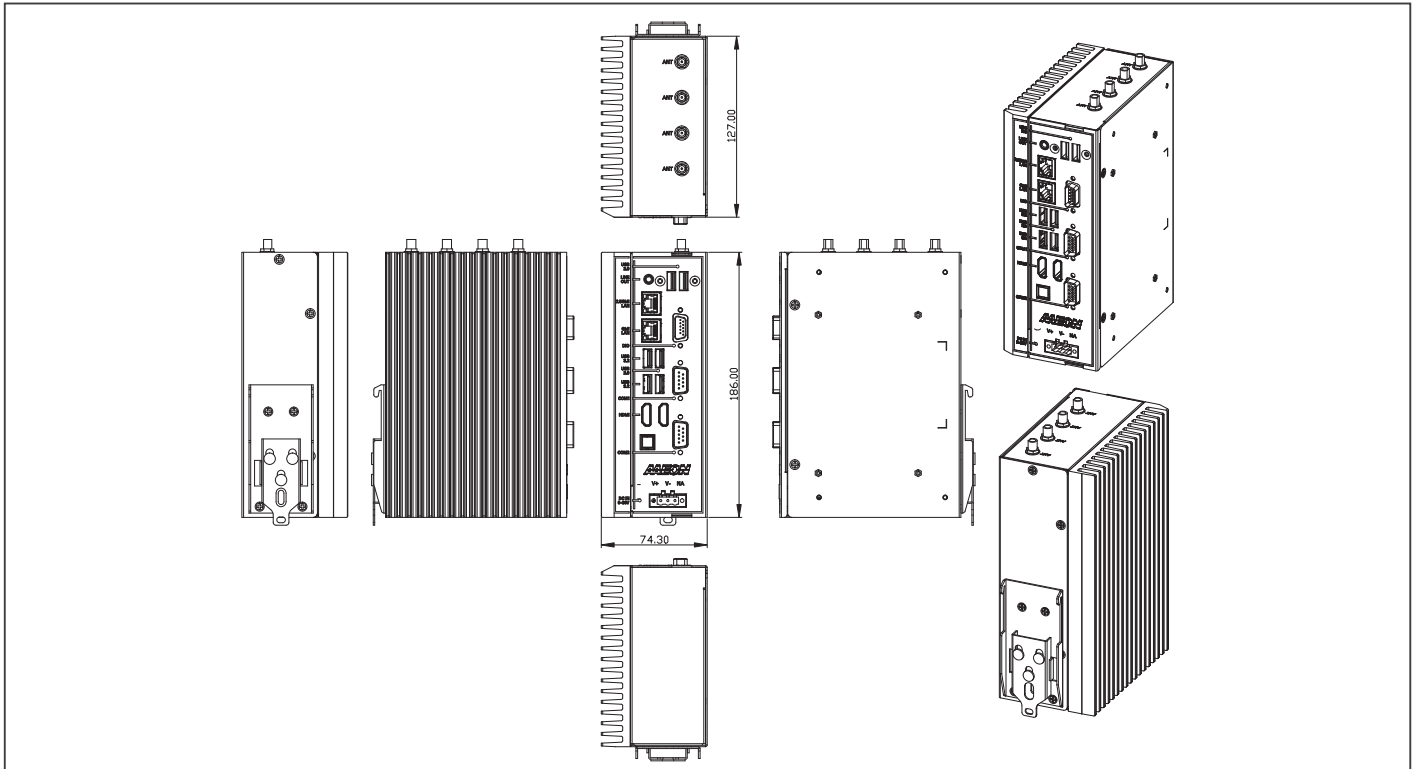


Specifications

| 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