

BOXER-6711-ADN PRELIMINARY

DIN Rail Mount Embedded BOX PC with Intel Atom® x7211E/Intel® Processor N-Series Processors

Front View



Rear View



Features

- Designed for Embedded Automation Controller
- Support DIN Rail Mount
- Intel Atom® x7211E/Intel® Processor N-Series
- DDR5 4800 MT/s SO-DIMM slot
- Onboard TPM 2.0
- Wide Range 9~36V DC input
- Wide Operating Temperature -20~60°C



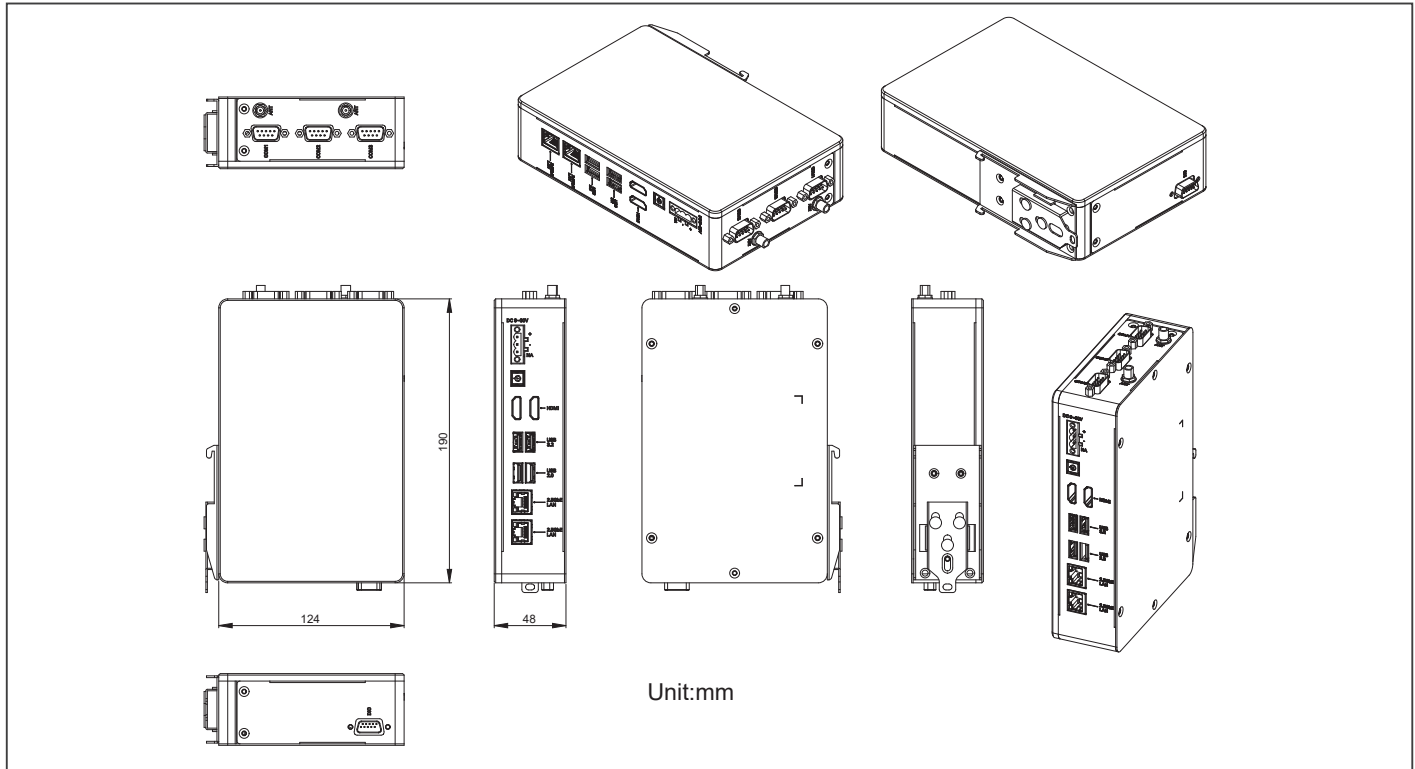
Specifications

System	
CPU	Intel Atom® x7211E Intel® Processor N200 Intel® Processor N50
Chipset	Intel® SoC
System Memory	DDR5 4800 MT/s SO-DIMM slot x 1, up to 32GB
Display Interface	HDMI x 2
Storage Device	M.2 2280 M-Key x 1 (PCIe [x2]) 2.5" SATA HDD/SSD x 1
Ethernet	RJ-45 x 2 for 2.5GbE LAN (Intel® I226)
I/O	HDMI x 2 RJ-45 x 2 for 2.5GbE LAN (Intel® I226) USB 3.2 Gen 2 (Type-A) x 2 USB 2.0 (Type-A) x 2 DB-9 x 3 for RS-232/422/485 DB-15 x 1 for 8-bit DIO 3-pin Terminal Block for DC in x 1 Power Button with LED x 1
Expansion	M.2 2280 M-Key x 1 (PCIe [x2]) M.2 2230 E-Key x 1 Full Size Mini Card x1 (PCIe + USB) SIM Slot x 1
Indicator	—
OS Support	Windows® 10 IoT Enterprise Windows® 11 Pro Linux Ubuntu 22.04
Power Supply	
Power Requirement	DC-in 9-36V x1 for 3-pin Terminal Block
Mechanical	
Mounting	DIN Rail Mount
Dimensions (W x H x D)	1.89" x 7.48" x 4.88" (48mm x 190mm x 124mm)
Gross Weight	3.50 lb (1.59 Kg)
Net Weight	2.40 lb (1.09 Kg)
Environmental	
Operating Temperature	-4°F ~ 140°F (-20°C ~ 60°C), according to IEC68-2 with 0.5 m/s AirFlow (w/ Industrial wide Temp. SSD/RAM)
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
Storage Humidity	5 ~ 95% @ 40°C, non-condensing
Anti-Vibration	3 Grms/ 5 ~ 500Hz/ operation (with SSD)
Certification	CE/FCC class A



Dimension

Unit: mm



Unit:mm

Packing List

- DIN Rail Bracket x 1
- Screw Package x 1
- 3 Pin DC-In Power Connector x 1
- BOXER-6711-ADN x 1

Optional Accessories

- **1255900849**
12V 84W Power Adapter
- **1702031802**
Power Cord (US type)
- **1702031803**
Power Cord (European Type)
- **170203180E**
Power Cord (Japanese Type)
- **9741EG25G0**
4G Module & Antenna (for global)

Ordering Information

Part Number	CPU	LAN	PCH	USB 3.2 Gen2	USB 2.0	RS-232/422/485	Storage	Display	Expansion	Mounting	Power	Operation Temp.
BOXER-6711-ADN-A1-1010	Intel® Processor N200	2	Intel SoC	2	2	3	M.2 2280 M Key Slot x1 (PCIex2) 2.5"SATA Drive Bay x1	HDMI x2	M.2 2280 M Key x1 (PCIex2) M.2 2230 E Key x1 Full-Size Minicard x1 (PCIe + USB) SIM Slot	DIN Rail Mount	9~36V DC in	-4°F ~ 140°F (-20°C ~ 60°C), according to IEC68-2 with 0.5 m/s AirFlow (w/ Industrial wide Temp. SSD/RAM)
BOXER-6711-ADN-A2-1010	Intel® Processor N50	2	Intel SoC	2	2	3	M.2 2280 M Key Slot x1 (PCIex2) 2.5"SATA Drive Bay x1	HDMI x2	M.2 2280 M Key x1 (PCIex2) M.2 2230 E Key x1 Full-Size Minicard x1 (PCIe + USB) SIM Slot	DIN Rail Mount	9~36V DC in	-4°F ~ 140°F (-20°C ~ 60°C), according to IEC68-2 with 0.5 m/s AirFlow (w/ Industrial wide Temp. SSD/RAM)
BOXER-6711-ADN-A3-1010	Intel Atom® x7211E	2	Intel SoC	2	2	3	M.2 2280 M Key Slot x1 (PCIex2) 2.5"SATA Drive Bay x1	HDMI x2	M.2 2280 M Key x1 (PCIex2) M.2 2230 E Key x1 Full-Size Minicard x1 (PCIe + USB) SIM Slot	DIN Rail Mount	9~36V DC in	-4°F ~ 140°F (-20°C ~ 60°C), according to IEC68-2 with 0.5 m/s AirFlow (w/ Industrial wide Temp. SSD/RAM)

