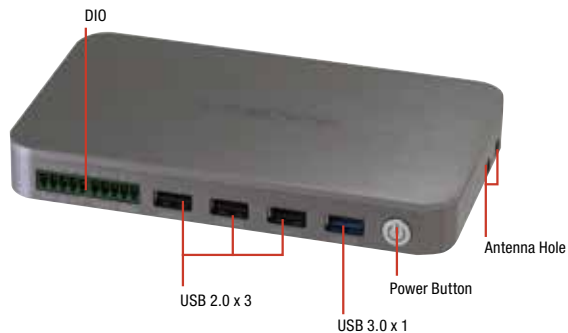


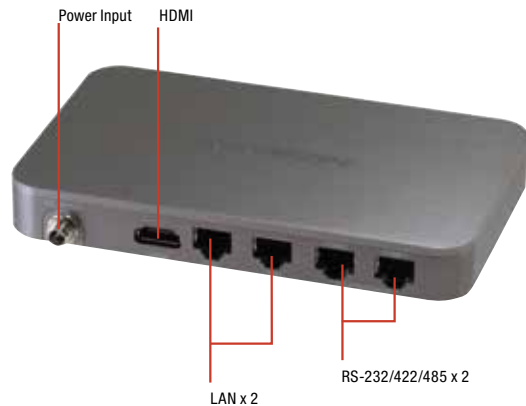
BOXER-6403

Compact Embedded Controller with Intel® Celeron®/ Atom™ Processor SoC

Front View



Rear View



Features

- Slim, Palm-sized, Fanless Box: 20mm
- 4 Digital Input & 2 Digital Output Support Dry Contact & Wet Contact
- HDMI Output
- Seamless Communication for WiFi, 3G, 4G, GPS, Bluetooth, and ZigBee
- Aluminum Die Casting Enclosure
- Low-Power-Consumption CPU



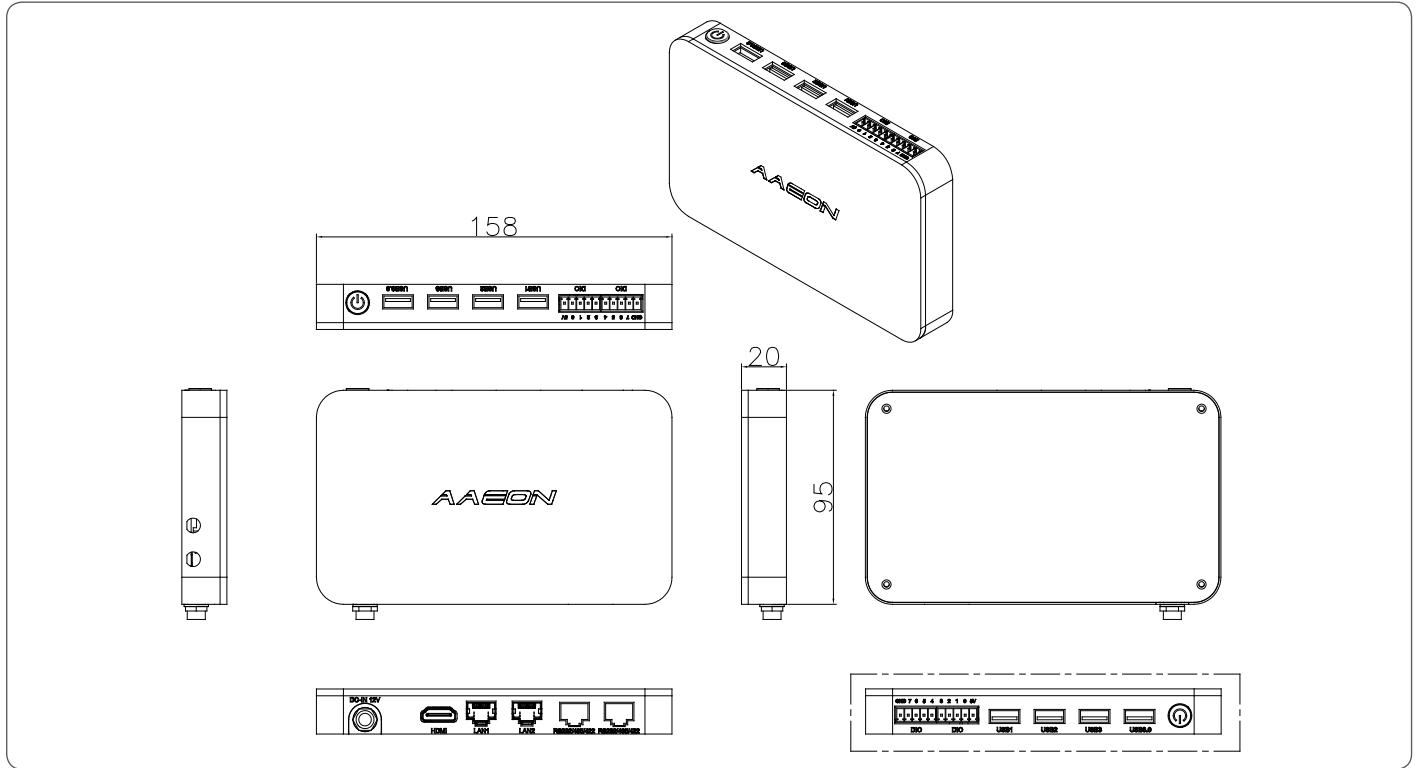
Specifications

CPU	Intel® Celeron®/ Atom™ Processor SoC	
Chipset	—	
System Memory	DDR3L 1333 SODIMM X 1, Max. 8 GB	
Display Interface	VGA	—
	DVI	—
	HDMI	HDMI x 1
	Others	18/24-bit single channel Onboard LVDS x 1 (internal)
Storage Device	CF-SATA	—
	HDD/SSD	—
	Others	mSATA (half-size) Space
Network	LAN	Intel® Gigabit Ethernet
	Wireless	Optional
Front I/O	USB Port	USB3.0 x 1, USB2.0 x 3
	LAN	—
	Serial Port	—
	DIO	DIO x 6 (DI x 4, DO x 2, w/o isolation)
	Audio	—
	KB/MS	—
	Others	Power Button x 1
	—	—
Rear I/O	USB Port	—
	LAN	RJ-45 x 2
	Serial Port	RJ-45 x 2 for RS-232/422/485 (BIOS selection)
	DIO	—
	Audio	—
	KB/MS	—
	Others	Lockable DC jack x 1, HDMI x 1
Expansion	PCIe	—
	PCI	—
	Mini-Card	Half Mini-Card x 1 (mSATA only), Full Mini-Card x 1 w/ SIM slot (Mini-Card w/ SIM)
	Mini PCI	—
Others	One USB 2.0 pin header on board, LPC connector onboard, LVDS x 1	
Indicator	Front	—
	Rear	—
Power Requirement	DC 12V input with lockable connector ATX mode (optional for AT by Jumper/BIOS setting)	
Power Consumption	—	
System Cooling	Passive	
Mounting	VESA / Din-rail (Wall / Din-rail kit)	
Operating Temperature	—4°F ~ 104°F (-20°C ~ 40°C) w/o Air (mSATA)	
	—4°F ~ 131°F (-20°C ~ 55°C) w/ Air (mSATA)	
Storage Temperature	—22°F ~ 176°F (-30°C ~ 80°C)	
	5 ~ 95% @ 40C, non-condensing	
Anti-Vibration	3 g rms/ 5 ~ 500Hz/ operation (mSATA)	
Anti-Shock	20 G peak acceleration (11 msec. duration, mSATA)	
MTBF (Hours)	—	
Certification	EMC	CE /FCC Class A
	Safety	—
Dimension (W x H x D)	6.22" x 3.74" x 0.79" (158 mm x 95 mm x 20 mm)	
Gross Weight	—	
Note	—	

BOXER-6403

Dimension

Unit: mm



Packing List

- Anti-Heat Kit
- RJ-45 to COM Cable x 2
- Power Adapter
- Product CD
- BOXER-6403

Optional Accessories

- **M046403000**
Anti-Heat Kit
- **1700090156**
RJ-45 to COM Cable
- **1255300606**
Power Adapter
- **9741640301**
Din Rail Mount Kit
- **9741640300**
VESA Mount Kit