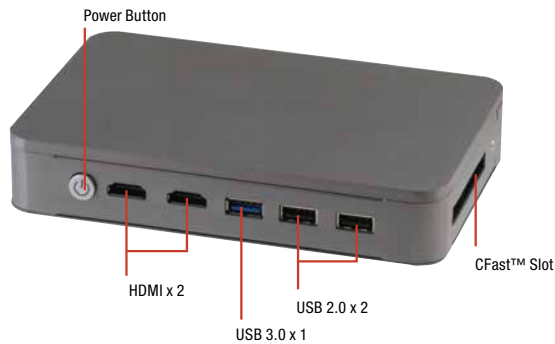


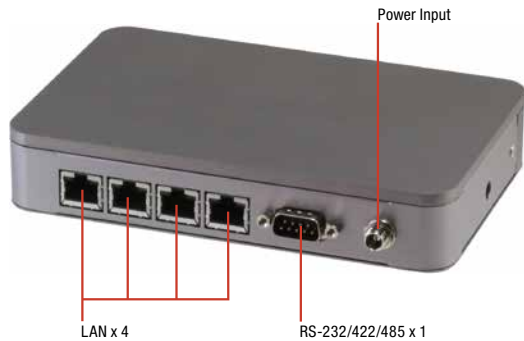
BOXER-6404

Compact Embedded Controller with LAN x 4, HDMI x 2, Intel® Celeron® J1900/N2807 Processor SoC

Front View



Rear View



Features

- Slim Boxer Design: 30mm
- RJ-45 LAN Port x 4, HDMI Port x 2
- Operate in -20°C ~ 60°C Environment



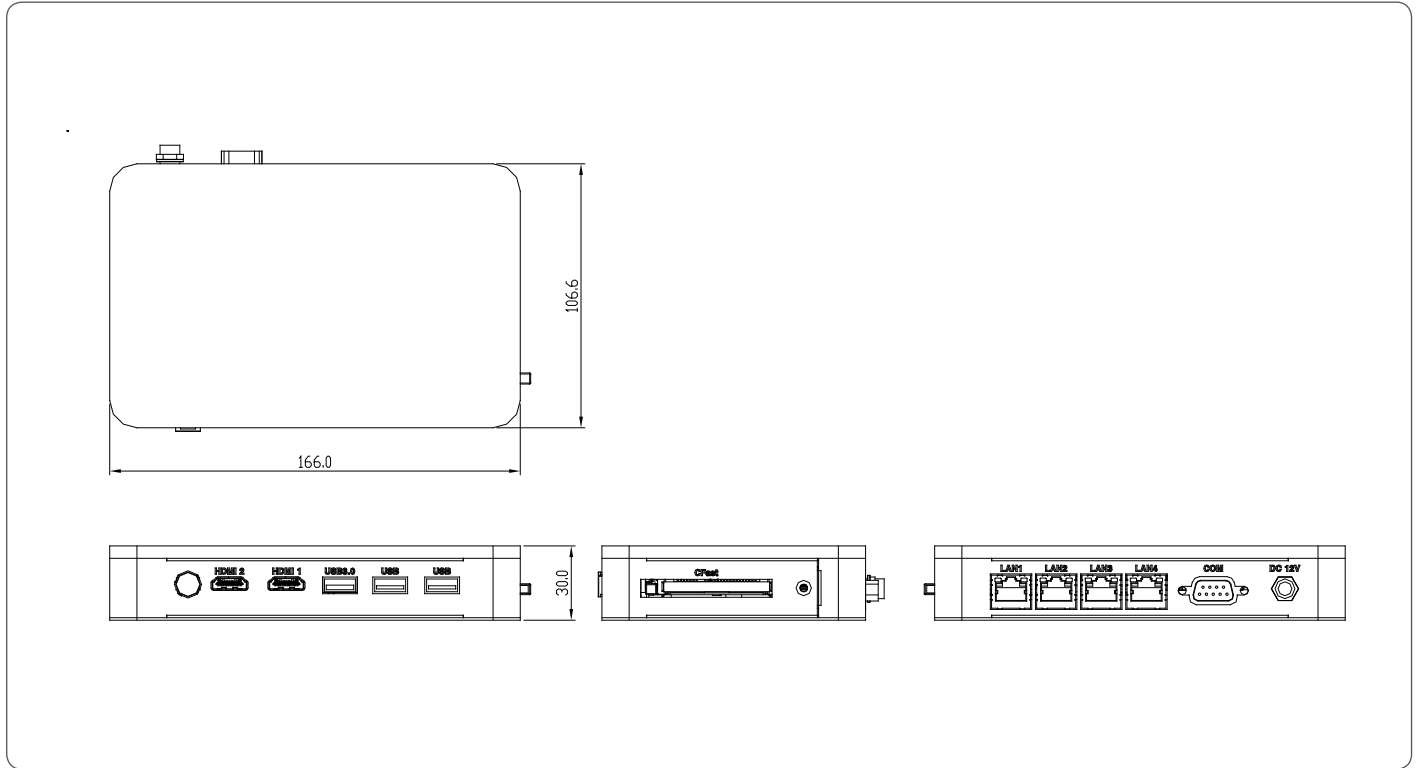
Specifications

CPU	Intel® Celeron® J1900/N2807 Processor SoC	
Chipset	—	
System Memory	204-pin DDR3L 1333MHz SODIMM x 1, up to 8 GB, (J1900) 204-pin DDR3L 1333MHz SODIMM x 1, up to 4 GB, (N2807)	
Display Interface	VGA	—
	DVI	—
	HDMI	HDMI x 2
	Others	—
Storage Device	CF-SATA	—
	HDD/SSD	CFast™ Slot
	Others	—
Network	LAN	Intel® Gigabit Ethernet
	Wireless	Optional
Front I/O	USB Port	USB3.0 x 1, USB2.0 x 2
	LAN	—
	Serial Port	—
	DIO	—
	Audio	HDMI x 2
	KB/MS	—
	Others	Power Button x 1
Rear I/O	USB Port	—
	LAN	RJ-45 x 4
	Serial Port	RS-232 x 1
	DIO	—
	Audio	—
	KB/MS	—
Others	Lockable DC jack x 1	
Expansion	PCIe	—
	PCI	—
	Mini-Card	Mini-Card x 1 (USB Interface only)
	Mini PCI	—
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 ~ 122°F (-20°C ~ 55°C) with 0.5 m/s airflow (J1900)	
	-4°F ~ 140°F (-20°C ~ 60°C) with 0.5 m/s airflow (N2807)	
Storage Temperature	-22°F ~ 176°F (-30°C ~ 80°C)	
	5 ~ 95% @ 40°C, non-condensing	
Anti-Vibration	5 g rms/ 5 ~ 500Hz/ operation (CFast™)	
Anti-Shock	50 G peak acceleration (11 msec. duration, CFast™)	
MTBF (Hours)	—	
Certification	EMC	CE/FCC Class A
	Safety	—
Dimension (W x H x D)	6.53" x 4.20" x 1.18" (166 mm x 106.6 mm x 30 mm)	
Gross Weight	—	
Note	—	

BOXER-6404

Dimension

Unit: mm



Ordering Information

Part Number	CPU	RAM	LAN	Display	USB3.0	USB2.0	RS-232/422/485	Storage	Display	Expansion	Power	Operating Temp.
BOXER-6404-A1-1010	Intel® J1900	Up to 8 GB	4	HDMI x 2	1	2	1	CFast™	Mini-Card x 1 (USB Interface)	Mini-Card x 1 (USB Interface)	12V DC in	-20 ~ 55°C with 0.5 m/s airflow
BOXER-6404-A2-1010	Intel® J1900	Up to 8 GB	2	HDMI x 1	1	2	1	CFast™	Mini-Card x 1 (USB Interface)	Mini-Card x 1 (USB Interface)	12V DC in	-20 ~ 55°C with 0.5 m/s airflow
BOXER-6404-A3-1010	Intel® N2807	Up to 4 GB	4	HDMI x 2	1	2	1	CFast™	Mini-Card x 1 (USB Interface)	Mini-Card x 1 (USB Interface)	12V DC in	-20 ~ 60°C with 0.5 m/s airflow
BOXER-6404-A4-1010	Intel® N2807	Up to 4 GB	2	HDMI x 1	1	2	1	CFast™	Mini-Card x 1 (USB Interface)	Mini-Card x 1 (USB Interface)	12V DC in	-20 ~ 60°C with 0.5 m/s airflow

Packing List

- BOXER-6404
- Power Adapter
- Product DVD

Optional Accessories

- **1702031802**
Power Cord (US type)
- **1702031803**
Power Cord (European Type)
- **170203180E**
Power Cord (Japanese Type)