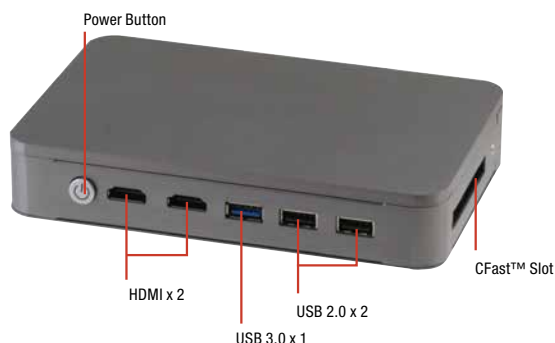
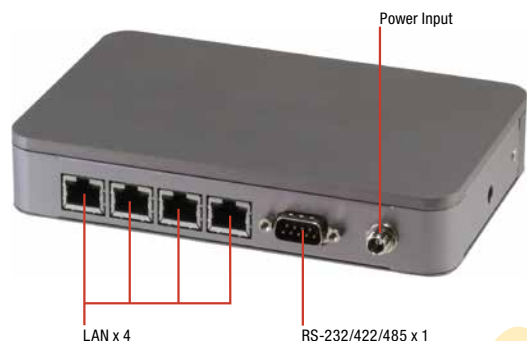


Compact Embedded Controller with LAN x 4, HDMI x 2, Intel® Celeron® J1900/N2807 Processor SoC

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



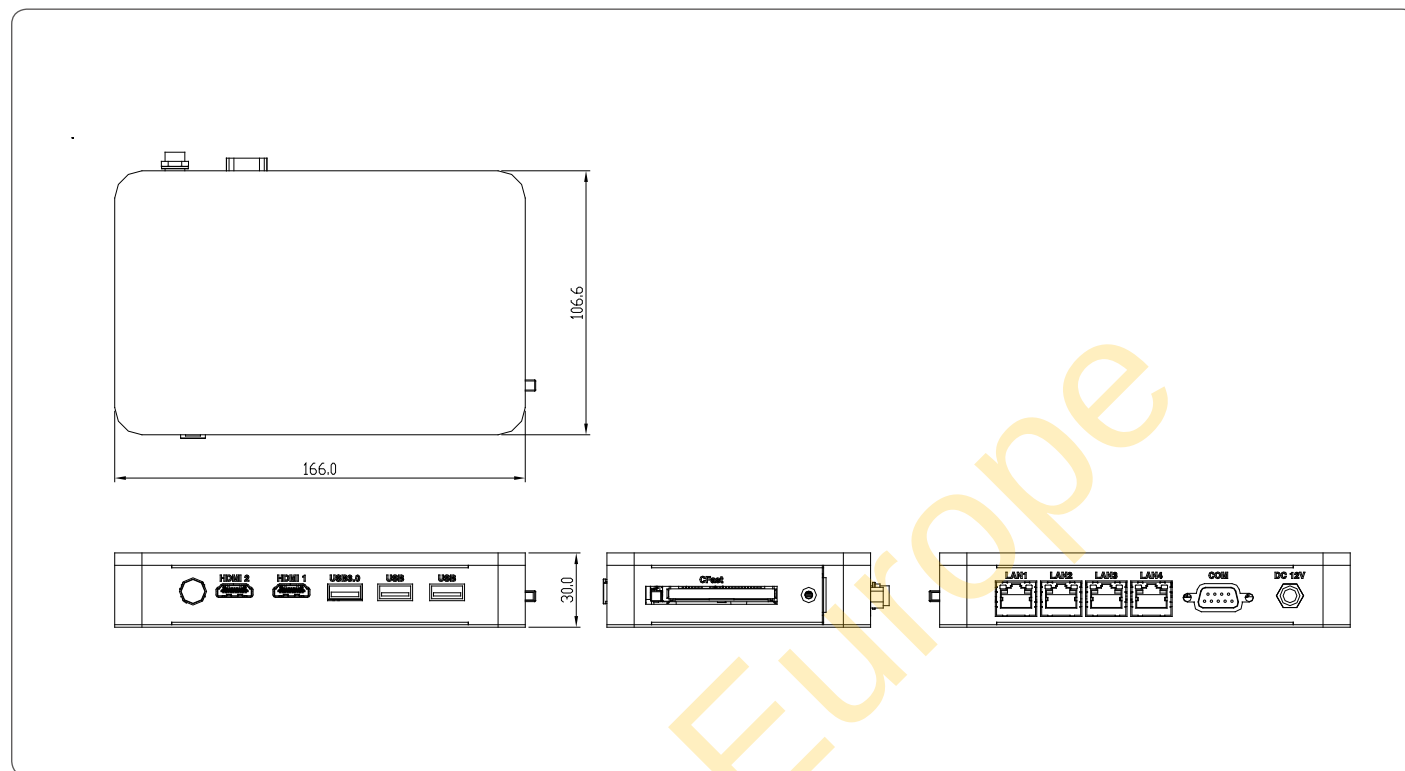
Specifications

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 USB Port USB3.0 x 1, USB2.0 x 2
Front I/O	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 — Others —
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)

Distributed by:

