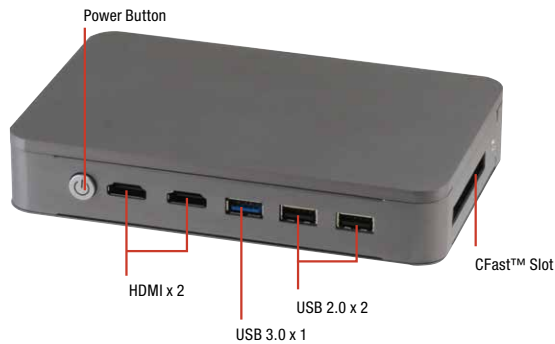
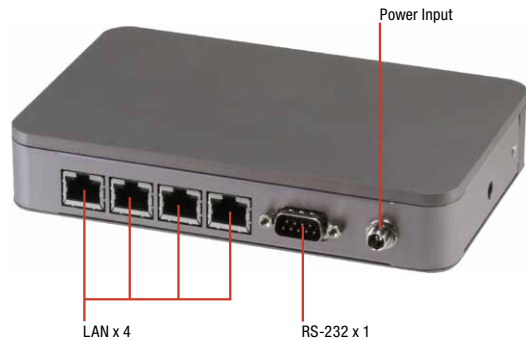


Compact Embedded Box PC with LAN x 4, HDMI x 2, Intel® Celeron® J1900/N2807 Processor SoC

Front View



Rear View



Features

- Slim Boxer Design: 30mm
- RJ-45 LAN Port x 4, HDMI Port x 2
- Operating in -30°C ~ 65°C Environment



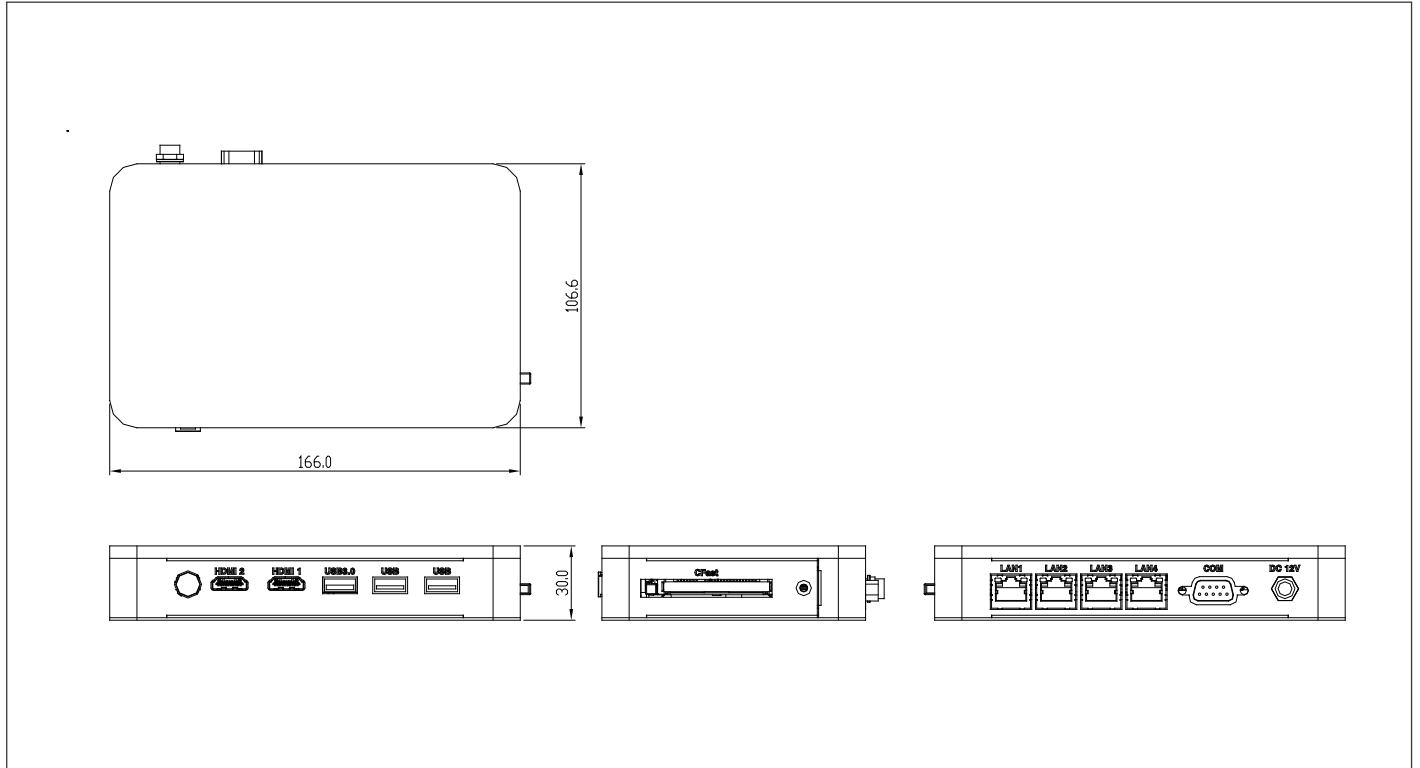
Specifications

| | | |
|-----------------------|--|------------------------------------|
| 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 | USB 3.0 x 1, USB 2.0 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 | — |
| 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 | -22°F ~ 149°F (-30°C ~ 65°C) with 0.5 m/s airflow | |
| Storage Temperature | -22°F ~ 176°F (-30°C ~ 80°C) 5 ~ 95% @ 40°C, non-condensing | |
| Anti-Vibration | 5 Grms/ 5 ~ 500Hz/ operation (CFast™) | |
| Anti-Shock | 50 G peak acceleration (11 msec. duration, CFast™) | |
| MTBF (Hours) | 152,670 | |
| 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 | 2.9 lb (1.3 kg) | |
| Note | Windows® 10, Windows® 8.1, Windows® 7, Windows® Embedded 8, Windows® Embedded 7, Linux Federa | |

BOXER-6404

Dimension

Unit: mm



Ordering Information

| Part Number | CPU | RAM | LAN | Display | USB 3.0 | USB 2.0 | RS-232 | Storage | 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) | 12V DC in | -30 ~ 65°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) | 12V DC in | -30 ~ 65°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) | 12V DC in | -30 ~ 65°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) | 12V DC in | -30 ~ 65°C with 0.5 m/s airflow |

Packing List

- Power Adapter
- Product DVD
- BOXER-6404

Optional Accessories

- **1702031802**
Power Cord (US type)
- **1702031803**
Power Cord (European Type)
- **170203180E**
Power Cord (Japanese Type)
- **125530060A**
Power Adapter
- **9741640400**
VESA Mount Kit
- **9741640401**
DIN Rail Mount Kit