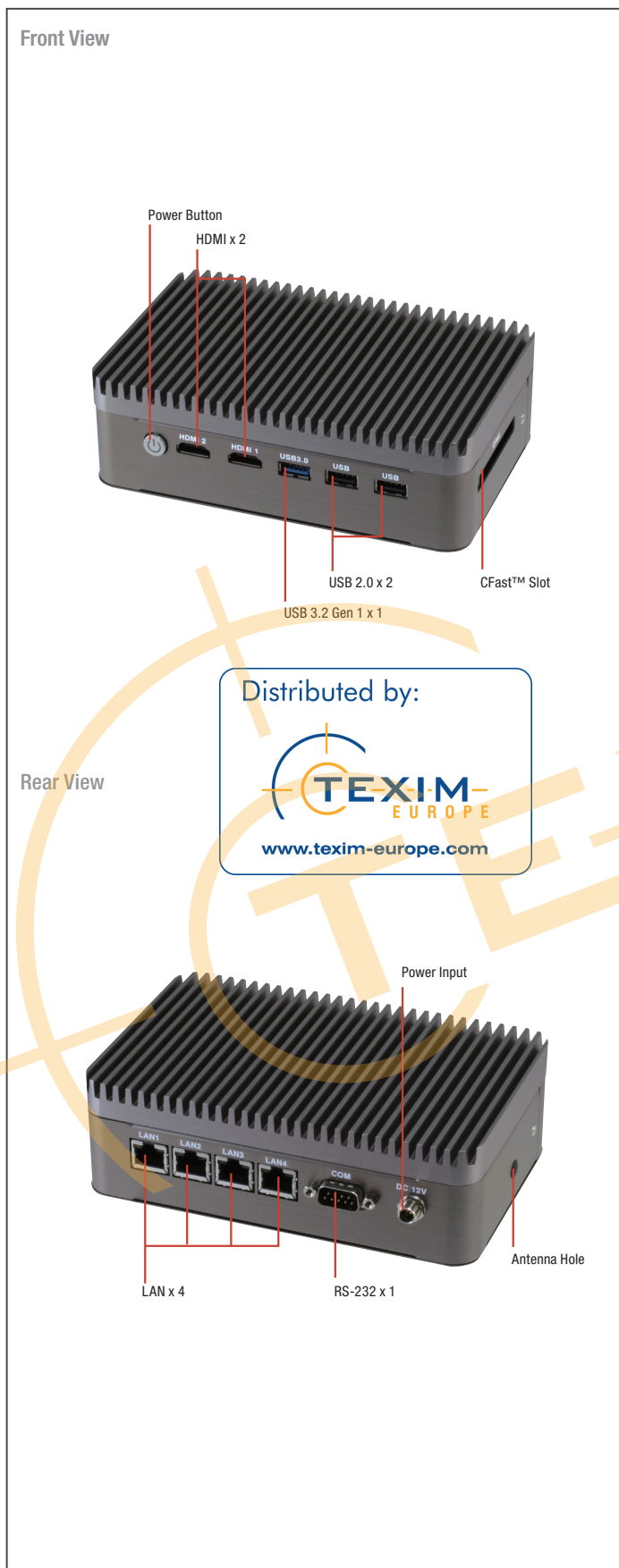


BOXER-6404M



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



Features

- Quad GbE LAN Port for Industrial Network Appliance
- 2.5" HDD/SSD Bay x 1
- Dual HDMI Port
- USB 3.2 Gen 1 Port Connectivity
- Easy Access Storage Bay
- Operating in -22°F ~ 167°F (-30°C ~ 75°C) Environment



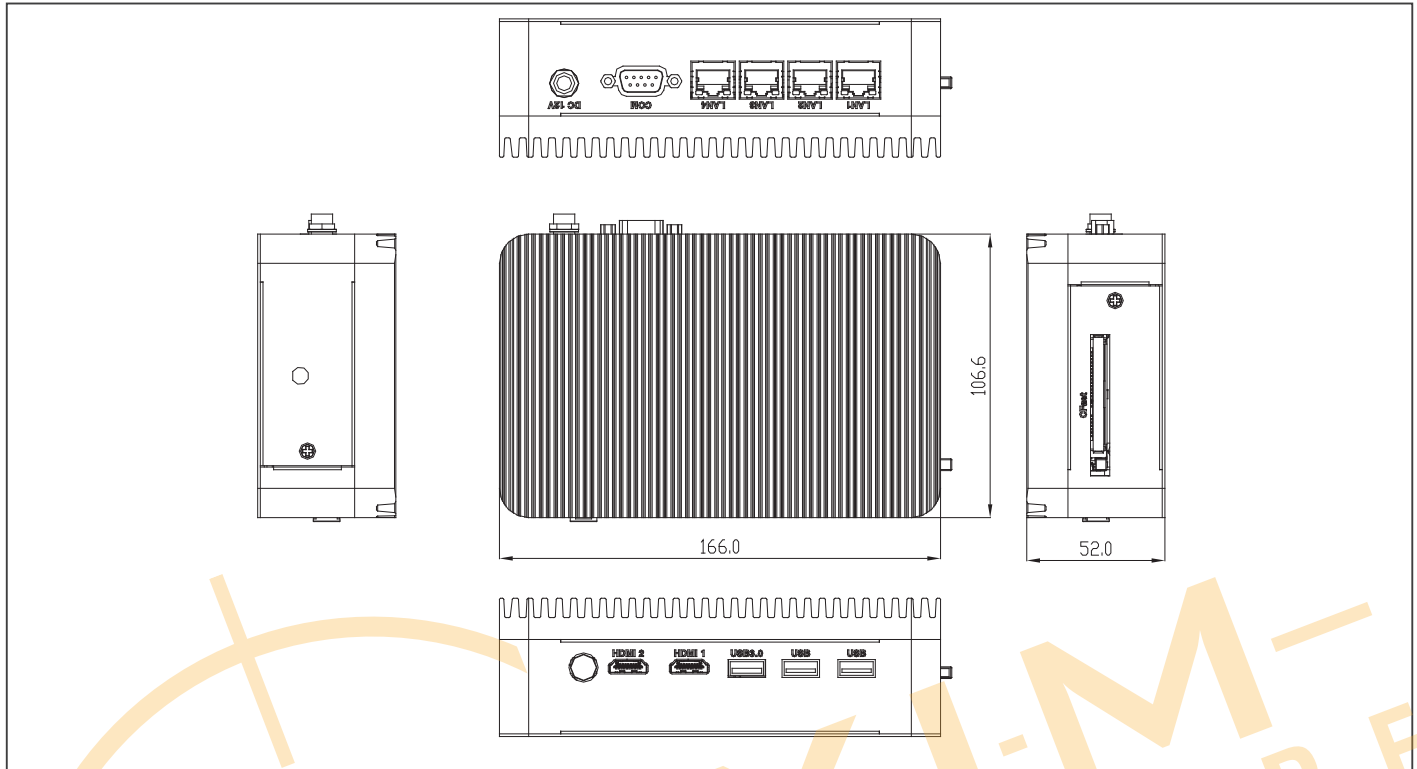
Specifications

| System | |
|------------------------|--|
| CPU | Intel® Celeron® J1900, 2.0 GHz Intel® Celeron® N2807, 1.58 GHz |
| Chipset | Intel® System on Chip |
| System Memory | DDR3L 1333 SODIMM slot x 1, up to 8 GB (J1900) or 4 GB (N2807) |
| Display Interface | HDMI |
| Storage Device | CFast™, HDD/SSD |
| Ethernet | Intel® I210AT, 10/100/1000Base-TX x 4 |
| I/O | RS-232 x 1 USB 2.0 x 2 USB 3.2 Gen 1 x 1 HDMI x 2 LAN x 4 CFast slot x 1 Antenna hole x 1 Power button Power input |
| Expansion | Full-size Mini-Card (USB interface only) x 1 |
| Indicator | Power LED on power button |
| OS support | Windows® 10, Windows® 8.1, Windows® 7, Windows® Embedded 8, Windows® Embedded 7, Linux Fedora |
| Power Supply | |
| Power Requirement | 12V - 24V with lockable DC jack |
| Mechanical | |
| Mounting | VESA (Mounting kit is optional) DIN rail (Mounting kit is optional) |
| Dimensions (W x H x D) | 6.53" x 4.20" x 2.05" (166mm x 106.6mm x 52mm) |
| Gross Weight | 3.81 lb (1.73 kg) |
| Net Weight | 2.8 lb (1.27 kg) |
| Environmental | |
| Operating Temperature | -22°F ~ 167°F (-30°C ~ 75°C) with wide temperature CFast™ card (according to IEC68-2-14 with 0.5 m/s AirFlow; with industrial devices) |
| Storage Temperature | -22°F ~ 176°F (-30°C ~ 80°C) |
| Storage Humidity | 95% @ 40°C, non-condensing |
| Anti-Vibration | 5 Grms/ 5 ~ 500Hz/ operation -CFast™ card or SSD 1 Grms/ 5 ~ 500Hz/ operation -HDD |
| Anti - Shock | — |
| Certification | CE/FCC class A |



Dimension

Unit: mm



Ordering Information

| Part Number | CPU | RAM | LAN | USB 3.2 Gen 1 | USB 2.0 | RS-232 | Storage | Display | Expansion | Mounting | Power | Operating Temp. |
|---------------------|--------------|-----|-----|---------------|---------|--------|--|----------|--|------------------|-----------------|--|
| BOXER-6404M-A1-1210 | Intel® J1900 | — | 4 | 1 | 2 | 1 | CFast™ bay x 1 2.5" HDD/SSD bay x 1 | HDMI x 2 | Full size Mini-card slot x 1 (USB signal) | Din Rail/VESA 75 | 12V - 24V DC in | -30°C ~ 75°C (-22°F ~ 167°F) with 0.5m/s airflow |
| BOXER-6404M-A2-1210 | Intel® N2807 | — | 2 | 1 | 2 | 1 | CFast™ bay x 1 2.5" HDD/SSD bay x 1 | HDMI x 1 | Full size Mini-card slot x 1 (USB signal) | Din Rail/VESA 75 | 12V - 24V DC in | -30°C ~ 75°C (-22°F ~ 167°F) with 0.5m/s airflow |

Packing List

- 125530040C
Power Adapter
- BOXER-6404M

Optional Accessories

- 170X000799
Power Cord (US type)
- 170X000800
Power Cord (European Type)
- 170X000803
Power Cord (Japanese Type)
- 9741236A00
WiFi Module & Antenna
- 9741EG25G0
4G Module & Antenna (for global)
- 9741640400
VESA Mount Kit
- 9641640401
DIN Rail Mount Kit
- 9741640402
CFast™ Cover Kit

Disclaimer

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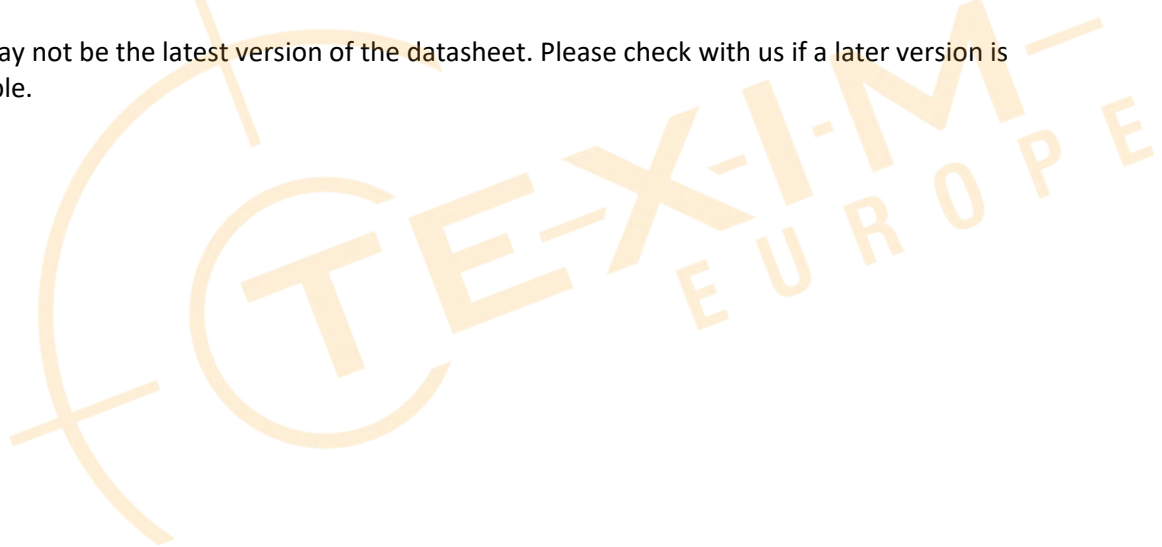
It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application.

Parameters provided in datasheets and / or specifications may vary in different applications and performance may vary over time.

All operating parameters, including typical parameters, must be validated for each customer application by the customer's technical experts.

Please contact us if you have any questions about the contents of the datasheet.

This may not be the latest version of the datasheet. Please check with us if a later version is available.





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