

R08IB3S-OFU1

8.4" Intel® Celeron® N2930 Open Frame Panel PC



KEY FEATURES

- 8.4" TFT SVGA LCD
- Intel® Celeron® N2930 Quad Core™ Processor
- SO-DIMM DDR3L 1600, max. 8 GB
- Integrated VGA, Dual-channel 24-bit LVDS, HDMI (Optional)
- 2 x Gigabit Ethernet
- 1 x SATA, 1 x USB 2.0, 1 x USB 3.0, 1 x HDMI (Optional), 2 x COM, 1 x Mini PCIe slot

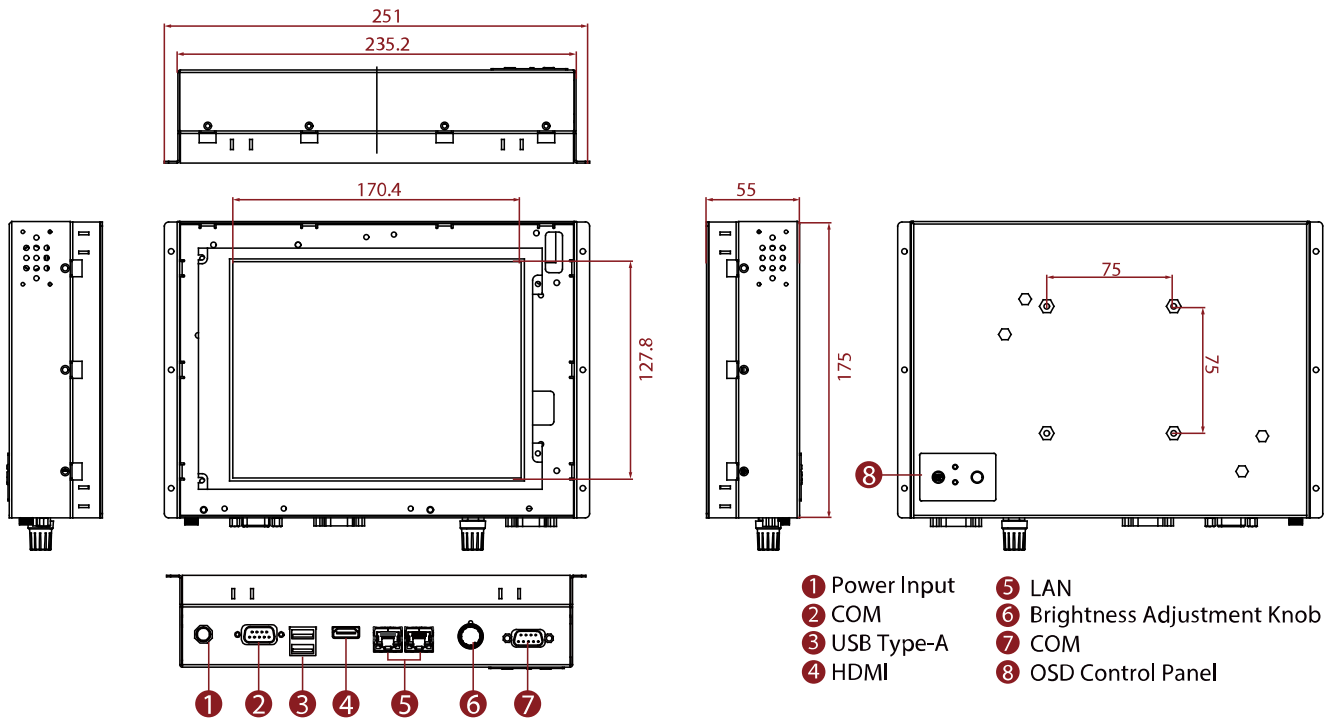


SPECIFICATIONS

| Display | | | |
|----------------------------|---|------------------------------|--|
| Resolution | 800x600 | Size | 8.4 inches |
| Contrast Ratio | 600:1 | Panel Brightness | 600.0 nits |
| View Angles | 75,75,60,70 | Active Area | 170.4x127.8 mm |
| Touch / Glass | Resistive Touch Screen (Optional) Protection Glass Without Touch Function (Optional) | | |
| System Specification | | | |
| Processor | Intel Celeron N2930 1.83GHz (up to 2.16GHz) | Memory | 1 x SO-DIMM, DDR3L 1600 MHz, 4GB 8GB (Optional) |
| Storage | 1 x mSATA SSD 128GB. mSATA SSD up to 512GB. (Optional) | Ethernet controller | 2 x Intel® Ethernet Controller |
| Operating System | Windows 10 IoT Enterprise (64 bit) (Optional) Linux Ubuntu 20.04 (Optional) | WLAN | Support (Optional) |
| BT | Support (Optional) | | |
| Mechanical | | | |
| Dimension | 251.2 x 174.8 x 55 mm | Mounting | Open Frame Panel Mount VESA Mount |
| Enclosure | Metal Housing | Cooling System | Fanless design |
| Environment | | | |
| Operating Humidity | 10% to 90% RH, Non-Condensing | Operating Temperature | 0°C to 50°C |
| Storage Temperature | -10°C to 60°C | | |
| Certification | | | |
| Certification | CE, FCC | | |
| IO Ports | | | |
| Power Input | 1 x 12V DC, 2.5φ DC jack | USB Port | 1 x USB3.2 Gen1x1 (Type-A) 1 x USB2.0 (Type-A) |
| Serial Port | 1 x RS232/422/485 (Default RS232) 1 x RS232 | Video | 1 x HDMI 1.4 (Optional) |
| Audio | 2 x Speaker | Expansion Port | 1 x mPCIe slot(for half size Wifi module) |

| | | | |
|------------------------|--|------------------|--|
| LAN | 2 x Giga LAN RJ45 Connector | Indicator | 1 x LED Indicator for power 1 x LED Indicator for storage |
| Brightness Knob | 1 x Brightness Adjustment Knob | mini PCIe | 1 x Mini PCIe(For WLAN) |
| Control | | | |
| Button | 1 x Power Button 1 x Reset Button | | |
| Accessory | | | |
| Accessory | 100~240V AC to DC Adapter Power Cord VESA screws | | |
| Power | | | |
| Power Rating | 12V DC | Adapter | 12V 50W |

DIMENSIONS UNIT:MM



NOTE

1. This is a simplified drawing and some components are not marked in detail.
2. Please contact our sales representative if you need further product information.
3. All specifications are subject to change without prior notice.
4. The product shown in this datasheet is a standard model. For diagrams that contain customized or optional I/O, please contact the Winmate Sales Team for more information.