

Intel® Atom™ / Pentium® / Celeron® Processor Fanless and Low Power 17" Flat Panel PC



Features



- Intel® Atom™ E3950 / Pentium® N4200 / Celeron® N3350 / Celeron® J3455
- Fanless and quiet design
- HDD easy maintenance
- Three independent displays (HDMI / DVI-D / LVDS)
- Multiple I/O ports (2 x LAN with PoE / 3 x USB 3.0 / 2 x COM / I²C)
- Expansion slot (2 x full-sized Mini PCIe / SD slot / 2 x SIM slot)
- Wide-ranged voltage DC In (9~36V)
- Wide-ranged temperature (w/ E3950)
- Front panel IP65 design
- Stainless steel front bezel
- Supports 5-wire resistive touchscreen or projected capacitive touchscreen
- Supports high brightness LCD sunlight readable (optional)
- TPM module (optional)

Specifications



System

| | |
|------------------|--|
| CPU Type | Intel® Celeron® N3350 2C, 2.4GHz Intel® Celeron® J3455 4C, 2.3GHz Intel® Pentium® N4200 4C, 2.5GHz Intel® Atom™ x7 E3950 4C, 1.8GHz |
| Chipset | Intel® SoC |
| Memory Support | 1 x DDR3L 1600/1867MHz SO-DIMM socket (up to 8GB) |
| Watchdog | 1~255 seconds watchdog timer selectable |
| Storage | 1 x 2.5" SATA HDD or SSD |
| Front Bezel | Stainless steel (SUS 304) |
| IP65 | Yes (for front panel only) |
| Power Input | DC In 9~36V |
| Operating System | Windows 10 IoT Enterprise LTSB 2016 64bit / Ubuntu 16.04 LTS |
| Dimensions | 436 x 368 x 87 mm (W x H x D) |
| System Weight | 6.9 kg |
| Mounting Support | Wall mount / VESA 100 / Panel mount |
| Certifications | FCC / CE |

Display

| | |
|-------------|--|
| LCD | 17" TFT LCD (LED) resolution SXGA 1280 x1024 |
| Touchscreen | 5-wire resistive touchscreen or projected capacitive touchscreen (USB interface) |

Applications

- Automation
- Retail
- Food Service
- Banking
- Information

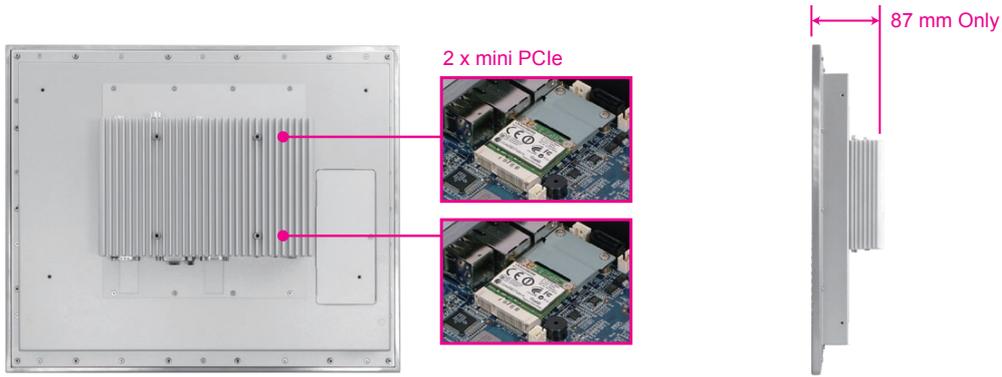
I/O Ports

| | |
|------------------|---|
| Display | 1 x HDMI up to 4K, 1 x DVI-D |
| USB | 3 x USB 3.0 |
| Audio | 1 x Line Out / 1 x Mic In |
| LAN | 2 x LAN (PoE IEEE 802.3af optional), Wake-On-LAN, PXE LAN 1: Intel® I210IT LAN 2: Intel® I210IT |
| Serial Ports | COM 1/2 for RS232/422/485 (selectable under BIOS) RI/5V/12V selectable by jumper |
| Storage | 1 x 2.5" SATA III HDD or SSD drive space |
| Expansion Slots | 1 x full-sized Mini PCIe (with mSATA or 3G/4G card with USB 2.0 signal) 1 x full-sized Mini PCIe (with PCIe or 3G/4G card with USB 2.0 signal) 1 x SD slot 2 x SIM slot |
| Antenna Hole | 4 x antenna holes |
| Power On/Off | 1 x power button 1 x remote switch |
| LED | 2 x PoE LED |
| I ² C | 1 x I ² C port |

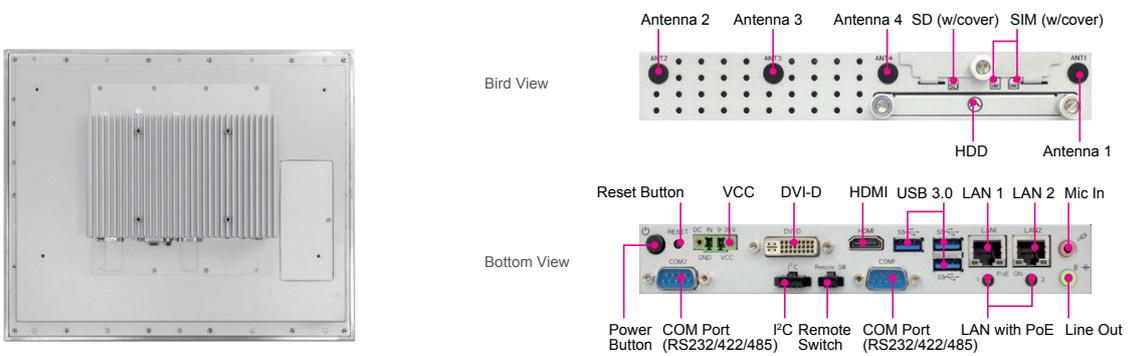
Environment

| | |
|-----------------|--|
| Operating Temp. | HDD: 0°C~40°C (32°F~104°F) (Ambient with airflow) SSD: 0°C~50°C (32°F~122°F) Wide-ranged temperature: 0°C~50°C (32°F~122°F) (w/ N3350) Wide-ranged temperature: -20°C~50°C (-4°F~122°F) (w/ E3950) |
| Storage Temp. | -20°C~80°C (-4°F~176°F) |
| Humidity | 20%~90% |

Highlights



I/O Panel View



Dimensions

