Fanless Industrial Class Panel PC IP65 Front Panel 7" LED Backlight, 1024x600, w/ INTEL Bay Trail-M N2807 SoC Processor 1.58 GHz, Dual-Core, 4.3W, Supports Mounting Clips and VESA Wall Mount, Single Gigabit LAN and 1 x COM port, Power Input: 100~240V AC-DC 60W power adapter, 4GB Memory, 32GB mSATA SSD, No OS
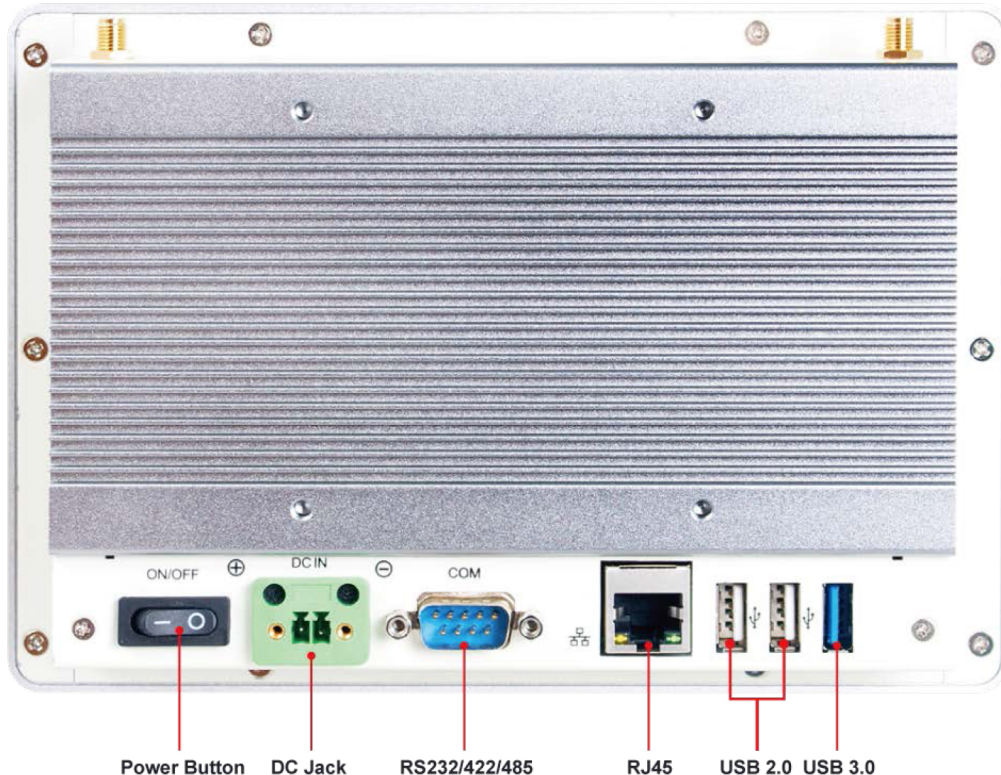
## MODEL: JTPCW0700-J-DC-IV01

### FEATURES:

- 7" 320 nits high brightness TFT LCD with LED backlight
- 10-points Multi Capacitive Touch
- Streamlined enclosure for highly efficient heat dissipation
- Enclosed in robust aluminum casings
- Edge-to-edge narrow bezel design and Fanless cooling system
- Design for easy Wall mount, Panel Mount, VESA Mount installation
- A true Flat, easy-to-clean front surface with edge-to-edge design
- Front IP65 for protection against water and dust
- IO Ports designed for easy connection

### EXTERNAL I/O

Power Button   DC Jack   RS232/422/485   RJ45   USB 2.0   USB 3.0

# SPECIFICATIONS:

| Display | |
|---|---|
| Front Bezel | - IP65, NEMA 4 rugged protection, Full planar metal border |
| Display Type | - 7" With LED Backlight |
| Brightness (cd/m²) | - 320 nits |
| Display Color | - 16.7M |
| Resolution | - 1024 x 600 @ 60Hz |
| Viewing Angle (H/V) | - 150°/145° |
| Pixel Pitch | - 0.15 x 0.15 mm |
| Aspect Ratio | - 16:9 |
| Contrast Ratio | - 500:1 |
| Response Time | - 30 ms |
| **Touch screen** | |
| Type | - projected capacitive type |
| Active Range | - 152.40 x 91.44mm ±0.2mm |
| Transparency | - ≧ 85% |
| Surface Hardness | - ≧ 6H (JIS-5400) |
| Glass haze value | - ≦ 3% |
| **CASE** | |
| Panel Material | - Aluminum |
| Case Material | - Iron |
| Color | - Silver + white |
| Coating Requirement | - Spray Paint |
| **Main System** | |
| CPU | - Intel® Bay Trail-M N2807 1.58GHz/DC |
| RAM | - 2G 1333MHz DDR3L SAMSUNG DRAM |
| BIOS | - 64MB SPI Flash ROM |
| Storage | - 1 * M-SATA connector (Full size) |
| Watchdog Timer | - 256 levels, 0~255 sec. |
| OS Support | - Windows 7 / 8.1 / 10 / Linux (Option) |
| **I/O Connector** | |
| I/O Ports and Switches | -1 * USB3.0<br>-2 * USB2.0<br>-1 * RS232/422/485<br>-1 * LAN (Gigabit LAN)<br>-1 * Euro terminal block by 12V DC input<br>-1 * Power button |

# SPECIFICATIONS:

| Expansion Interface | |
|---|---|
| Expansion | - 1 * PCI-E mini card for WIFI or 3G/4G |
| **Power** | |
| Power Input | - AC version: 100~240V AC-DC 60W power adapter or<br>- DC version: 12V<sub>DC</sub> with over current protection fuse |
| Power Consumption | - 13W |
| **Dimensions** | |
| Case Dimensions | - 197.0*136.0*43.7mm |
| Packing Dimensions | -Net Weight: KG<br>-Gross Weight: KG<br>-Color Box dimension:    (W) *    (D) *    (H) mm |
| **Certifications** | |
| Certifications | - CE, FCC, IP65(Front) |
| **Environment** | |
| Temperature | - Operating: -10°C ~ 60°C (with W.T. DRAM/HDD in airflow condition)<br>- Operating: -10°C ~ 60°C (with W.T. DRAM/HDD) |
| | - Storage: -20°C ~ 85°C |
| Shock | - Operating: 15G,  11ms duration |
| Vibration | - Operating: 5~500Hz/1 Grms |
| **Warranty** | |
| Warranty | - 2 Years Limited Warranty （Panel and Touch is only Warranty 1Year) |

# MECHANICAL DRAWINGS: