

# FANLESS INDUSTRIAL FLAT-PANEL EMBEDDED PANEL PC

10.1" TFT Fanless Touch Panel Computer  
with Intel Bay Trail-D J1900 2.0GHz Quad Cores  
-4GB onboard RAM  
-64GB M.2 SATA SSD  
-NO OS



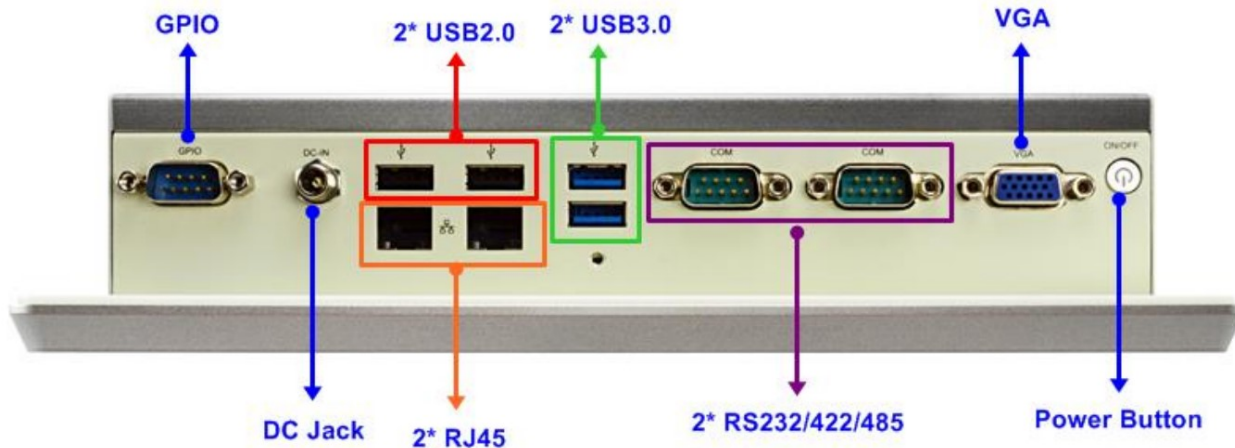
**MODEL: JTPCW1010-J-V7**

## FEATURES:

- 10.1" 400 nits high brightness TFT LCD with LED backlight
- 10-points Multi Capacitive Touch
- Cable less, 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
- USB3.0 Support Lock Device
- Front IP65 for protection against water and dust
- 9-28V DC-input Support, with EOS, OVP design



## EXTERNAL I/O



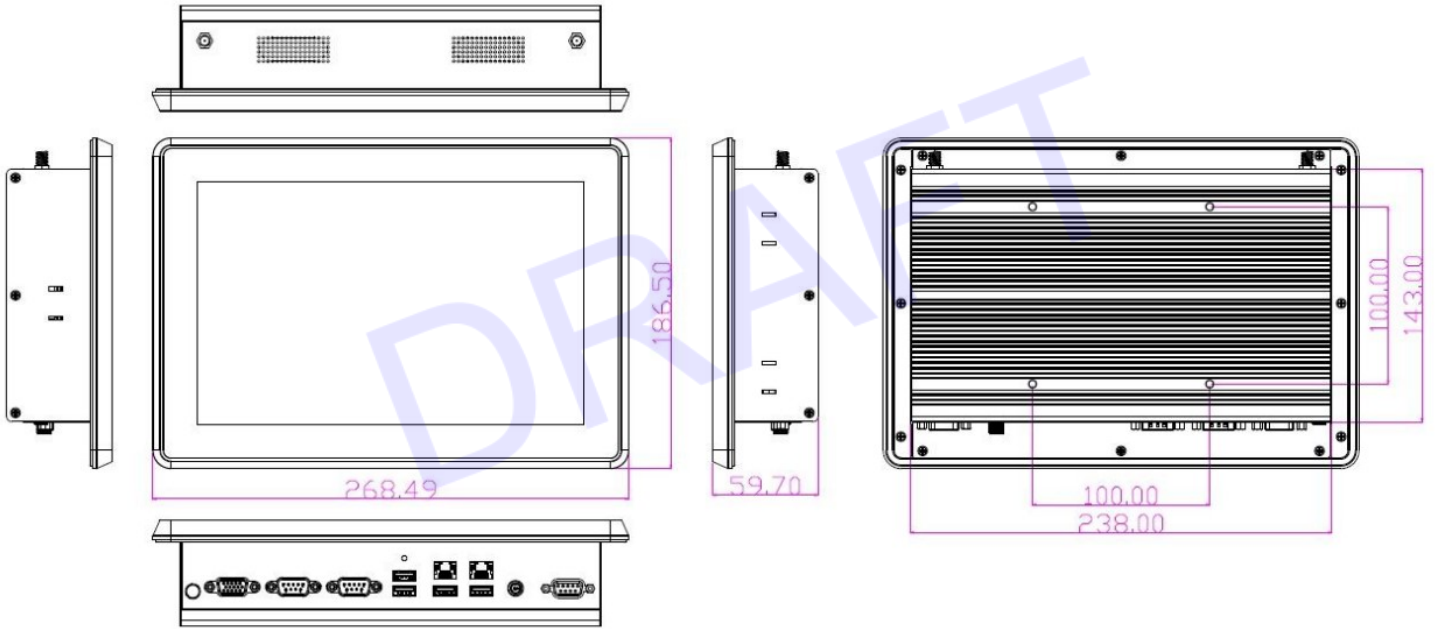
## SPECIFICATIONS:

<b>Display</b>	
Front Bezel	IP65, NEMA 4 rugged protection, Full planar metal border
Display Type	10.1" With LED Backlight
Brightness (cd/m <sup>2</sup> )	400nits
Display Color	16.2M
Resolution	1280 x 800 @ 60Hz
Viewing Angle (H/V)	170°/170°
Pixel Pitch	0.1695 x 0.1695 mm
Aspect Ratio	16:10
Contrast Ratio	800:1
Response Time	30ms
<b>Touchscreen</b>	
Type	projected capacitive type
Active Range	257.10 x 159.66mm ±0.2mm
Transparency	≥87%
Surface Hardness	≥ 6H (JIS-5400)
Glass haze value	≤3%
<b>CASE</b>	
Panel Material	Aluminum
Case Material	Iron
Color	Silver + White
Coating Requirement	Spray Paint
<b>Main System</b>	
CPU	Intel® Bay Trail-D J1900 2.0GHz/QC
RAM	4G 1333MHz DDR3L SAMSUNG DRAM
BIOS	64MB SPI Flash ROM
Storage	1* SATA + 1* M.2 connector(2242/2260/2280)
Watchdog Timer	256 levels, 0~255 sec.
OS Support	Windows 7 / 8.1 / 10 / Linux (Option)
<b>I/O Connector</b>	
I/O Ports and Switches	2 * USB3.0 2 * USB2.0 1 * 8bit GPIO 2 * RS232/422/485 1 * VGA 2 * LAN (INTEL I211AT Gigabit LAN) 1 * Locking Jack 9~28V DC input 1 * Power button
<b>Expansion Interface</b>	
Expansion	1 * PCI-E mini card for WIFI or 3G/4G 1 * SIM card holder for 3G/4G
<b>Power</b>	
Power Input	AC version: 100~240V AC-DC 60W power adapter or DC version: 9-28VDC with over current protection fuse
Power Consumption	21 W
Case Dimensions	268.49*186.50*59.70mm
<b>Certifications</b>	
Certifications	CE, FCC, IP65(Front)
<b>Environment</b>	
Temperature	Operating: -10°C ~ 60°C (with W.T. DRAM/HDD in airflow condition) 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
<b>Warranty</b>	
Warranty	2 Years Limited Warranty (Panel and Touch is only Warranty 1Year)

**\*Specifications subject to change without notice, not responsible for typographical errors.**

**MECHANICAL DRAWINGS:**

*This is subject to change without Notice. Final Drawings Will be Provided for Approval after Order.*



Drawing No.: JTPCW1010-J-V7-10252023-V1