

Front Bezel meets IP65-Rated Fanless Panel PC



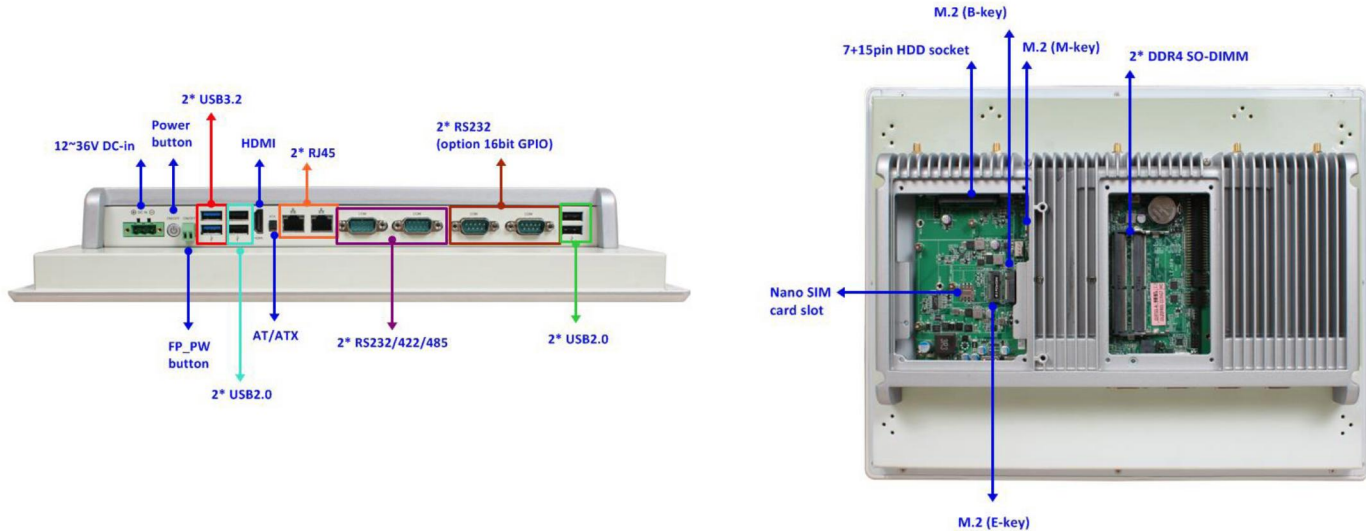
21.5" LED TFT 250nits Fanless Touch Panel Computer with Intel Tiger Lake i5-1135G7
2.4GHz Quad Cores Processor 10-points Multi Capacitive Touch 12-36V DC-in,
Operating: -10°C ~ 50°C + 8GB RAM + 256GB M.2 SSD, No OS

MODEL: JPCW2150i5-V1

FEATURES:

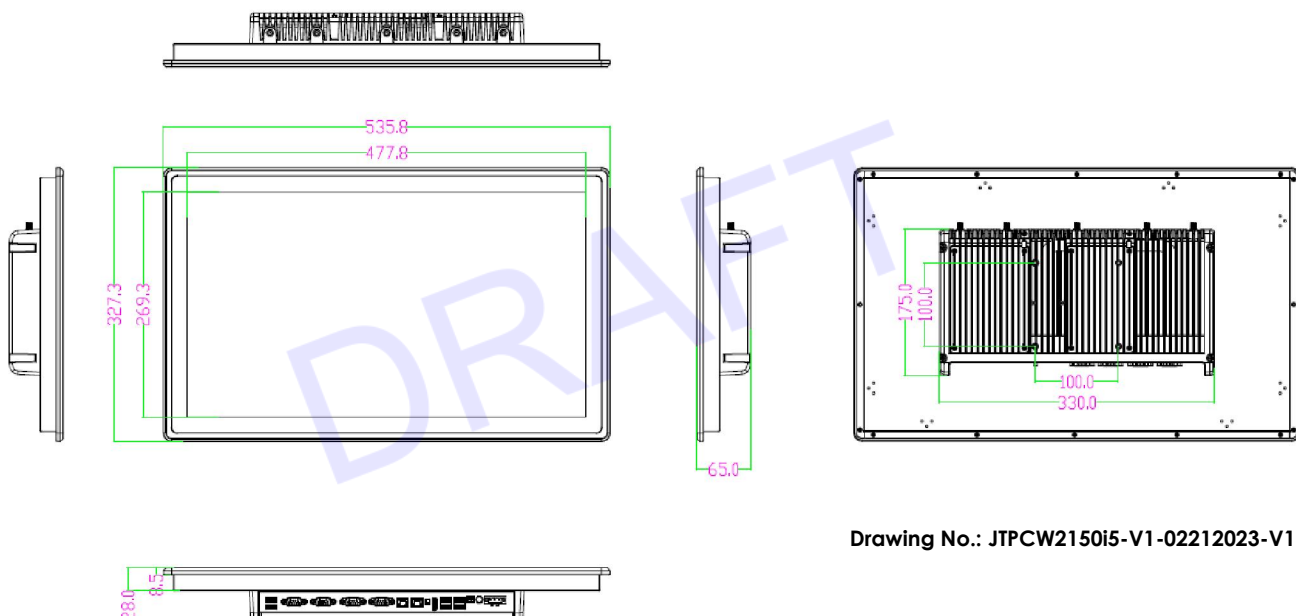
- 21.5" 250 nits TFT LCD with LED backlight
- 10-points Multi Capacitive Touch
- Support Open frameless design
- Easy HDD and DARM installation, cableless design
- 12-36V DC-in, with Electrical Over Stress (EOS) and OVP design
- Front bezel meets IP65-rated protection

EXTERNAL I/O



MECHANICAL DRAWINGS

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



Drawing No.: JPCW2150i5-V1-02212023-V1

SPECIFICATIONS:

DISPLAY
IP65, NEMA 4 rugged protection, metal front bezel
21.5" With LED Backlight
250 nits
16.7M display color
1920 x 1080 @60Hz resolution
170°/160° viewing angle (H/V)
0.24825 x 0.24825mm pixel pitch
16:9 aspect ratio
1000:1 contrast ratio
8ms response time
CASE
Aluminum panel
Iron case
White color
Spray paint coating requirement
STORAGE
1* 2.5" SATA HDD
256GB M.2 SSD
I/O CONNECTOR
2* USB3.2 (Gen. 2)
4* USB2.0
2* RS232/422/485
2* RS232 (option 16bit GPIO)
1* HDMI
1* AT/ATX Mode Button
2* RJ45 (1* Intel® I225-V 2.5GbE, 1* Intel® I219LM GbE)
1* 12~36V DC-in Locking Jack
1* Power button
1* 2pin Front Power button
POWER CONSUMPTION
45W
COMPLIANCE
CE, FCC, IP65 (Front, option)
TEMPERATURE
Operating: -10°C ~ 50°C
Storage: -20°C ~ 70°C

TOUCH SCREEN
Projected capacitive type
386.81 x 237.12mm ±0.3mm active range
Transparency ≥ 85%
Surface Hardness ≥ 6H (JIS-5400)
MAIN SYSTEM
Intel® Tiger Lake i5-1135G7 2.4GHz/QC processor
8GB RAM
256MB SPI Flash ROM
Watchdog Timer 256 levels, 0~255 sec
OS Support Windows 10 / Linux
EXPANSION
1* M.2 E key (2230) for WIFI
1* M.2 B key (3042/3052/6570) for 4G/5G Module (4pcs Built in Antenna)
POWER INPUT
12~36V DC-in
AC version: 100~240V AC-DC 90W power adapter or
DC version: 12VDC with over current protection fuse
DIMENSIONS
535.80 * 327.31 * 68.50 mm
SAFETY
Shock: 1ms duration
Vibration: 5~500Hz/1 Grms
WARRANTY
2 Years Limited Warranty (Panel and Touch are only 1 Year Warranty)

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