

21.5" TFT Fanless Touch Panel Computer with Intel® Tiger Lake i5-1145G7E 1.5GHz Quad Cores Processor

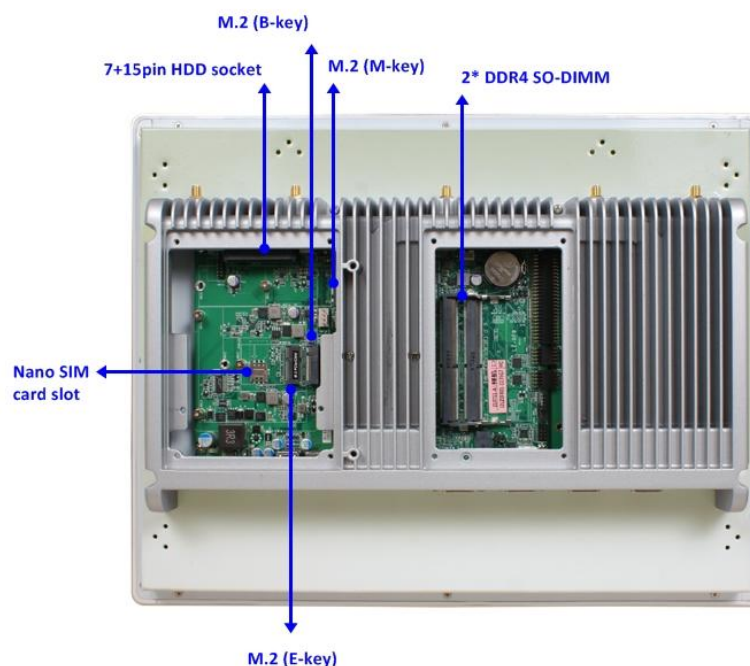
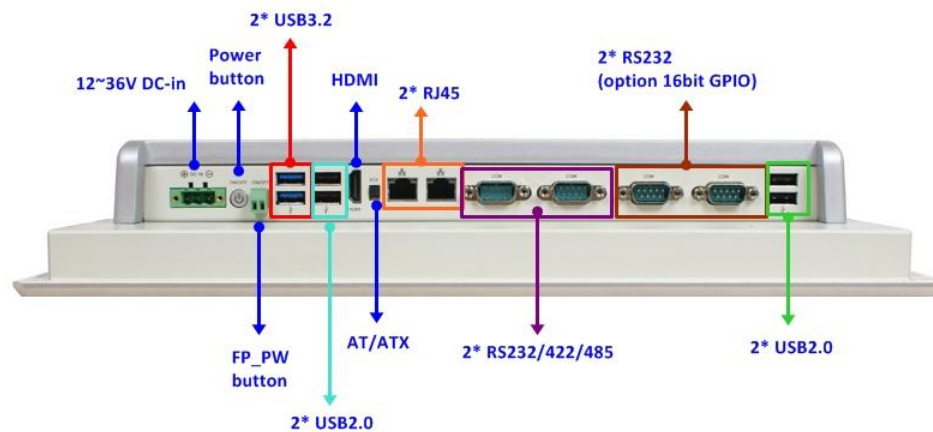
Features

1. 21.5" 250 nits TFT LCD with LED backlight
2. 10-points Multi Capacitive Touch
3. Support Open frameless design
4. A true Flat, easy-to-clean front surface with edge-to-edge design
5. Front IP65 for protection against water and dust
6. Support for easy HDD and DARM installation
7. Support Cable less design
8. 12-36V DC-input Support, with Electrical Over Stress(EOS), OVP design



intel FC CE RoHS COMPLIANT

I/O Diagram



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
- 178°/178° viewing angle (H/V)
- 0.24825 x 0.24825mm pixel pitch
- 16:9 aspect ratio
- 1000:1 contrast ratio
- 17ms response time

Case

- Aluminum panel
- Iron case
- White color
- Spray paint coating requirement

Storage

- 1* 2.5" SATA HDD
- 1 * M.2 M key (2242/2280, PCI-Ex4)

I/O Connector

- 2* USB3.2 (Gen1)
- 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 Temperature: -10 ~ 50° C
- Storage Temperature: -20 ~ 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 i5-1145G7E 1.5GHz/QC processor
- 2* DDR4 SO-DIMM (Max 64GB)
- 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 Source

- 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

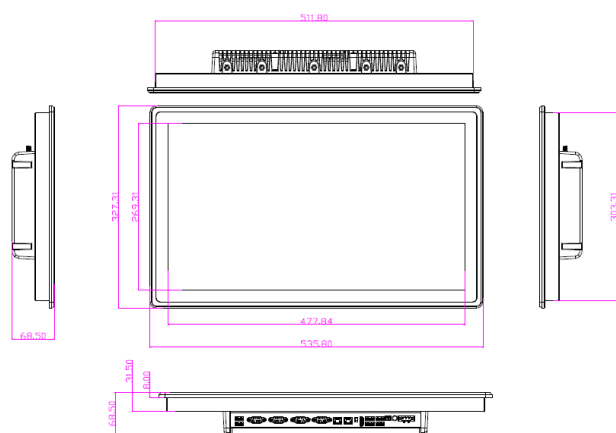
Safety

- Shock: 1ms duration
- Vibration: 5~500Hz/1 Grms

Warranty

2 Years Limited Warranty (Panel and Touch is only Warranty 1 Year)

Mechanical Drawings (Unit=mm)



Standard Accessories

Part Number	Description
HPC215C-DCP145G7E	HPC215C-DCP145G7E
Change according to shipping area	Power cord
	90W AC-DC Adapter