

PPC-FW15D-ULT5

15.6" 8th gen Intel® Whiskey Lake-U Industrial Panel PC



Features

- » 15.6" Panel PC with 8th gen Intel® Whiskey Lake-U processors
- » Low power consumption and fanless design
- » IP66-rated front panel for water and dust resistance
- » Touch screen with anti-UV / anti-glare coating
- » Support PoE PD power
- » Support NVMe SSD

Specifications

| Display | |
|-----------------------------|---|
| LCD Size | 15.6" |
| Brightness(cd/m2) | 400 |
| Max Resolution | 1366 x 768 |
| Contrast Ratio | 500:1 |
| Backlight MTBF(hrs) | 50000 |
| System | |
| Cooling method / System Fan | Fanless |
| CPU | 8th Generation Intel® Core™ i5-8365U 4.10GHz |
| | 8th Generation Intel® Celeron® 4305U 2.20GHz |
| Chipset | Intel® Whiskey Lake-U |
| Memory Ext. | 2 x 260-pin 2400 MHz dual-channel DDR4 unbuffered SO-DIMM |
| Memory Max. | 32GB |
| Storage | 2.5" HDD/SSD SATA 3(6.0Gb/s) bay |
| I/O Interface | |
| Ethernet | 2x Intel® I211 |
| | 1x Intel® I219 |
| Audio Codec | ALC888S |
| Power | |
| Input | +12VDC |
| Power adapter | 12V @ 8A(96W) |
| Power consumption | 55W |
| Environment | |
| Operating Temperature | -10°C ~ 50°C (with air flow) |
| Operating Vibration | 5~17Hz, 0.1 double amplitude displacement 17~640Hz 1.5G acceleration peak to peak |
| Operating Shock | 10G acceleration part to part (11ms) |
| Safety & EMC | CE, FCC |
| Humidity | 10% ~ 95% (non-condensing) |
| Storage Temperature | -20°C ~ 60°C |

| | |
|---------------------------------|--|
| IP Level | Front panel IP66 |
| Physical Characteristics | |
| Color | PANTONE 296 C |
| Mounting | Wall mount, Panel mount, Rack mount |
| Dimensions (LxWxH) (mm) | 400.1 x 253.3 x 77.1 |
| Net Weight | 6.1kg |
| Construction Front Panel | Aluminum |
| Cutout Dimensions | 379.1 x 232.3 |
| Expansion Slots | |
| Expansion Slots | M.2 2230 A-Key(PCIe x1, USB 2.0; support Wi-Fi, BT) M.2 2280 M-Key(PCIe x4; support NVMe SSD) |
| LCD | |
| LCD Color | 16.2M |
| Pixel Pitch (mm) | 0.25 x 0.25 |
| Viewing Angle (H-V) | 170°/160° |
| Touch | |
| Touch Screen | PCAP 10-point |
| Touch Controller | EETI |
| Other Features | |
| TPM | TPM 2.0(on-board) |
| I/O Interface | |
| I/O Interface | 1 x AT/ATX Switch |
| | 1 x Clear CMOS |
| | 1 x Power Switch (with LDE(Blue)) |
| | 1 x Line out |
| | 2 x RS-232 (1 x RS-232/422/485, 1 x RS-232) |
| | 1 x HDMI™ |
| | 3 x LAN (2 x Support PoE(IEEE 802.3at/bt, optional)) |
| | 1 x DC Input Jack (12V Din 4Pin/lock) |
| | 1 x Reset Button |
| | 4 x USB 3.2 Gen2x1 |

Ordering Information

| | |
|----------------------------|---|
| PPC-FW15D-ULT5-C/4G/PC-R10 | 15.6" 400 cd/m2 1366 x 768 Panel PC with Intel® 14nm 8th Whiskey Lake Celeron® 4305UE (2M Cache, 2.0 GHz) TDP 15W on-board Processor (ULT), 4GB DDR4 RAM x1, 12VDC input, Projective capacitive touch window with AG, R10 |
|----------------------------|---|

Packing List

| | |
|--|-------------------------------------|
| 1 x PPC-FW15D-ULT5 panel PC | 1 x Power adapter |
| 1 x Power cord | 4 x Screws (M4*8) for VESA mounting |
| 4 x Screws (M3*4) for HDD installation | |