

PPC-F-ULT5

17" Panel PC Based on Intel® Whiskey Lake ULT Processor

Features

- 17" Panel PC with Intel® Whiskey Lake Core™ i5-8365UE, Intel® Celeron® 4305UE
- Low power consumption and fanless design
- IP66-rated front panel for water and dust resistance
- Modular architecture
- VESA 100 mm standard mounting holes for varied mounting demands
- Support PoE PD power
- Support NVMe SSD



Specifications

Model		PPC-F17D-ULT5
TFT LCD	LCD Size	17"
	Max. Resolution	1280 x 1024
	Brightness (cd/m ²)	350
	Contrast Ratio	1000:1
	LCD Color	16.7M
	Pixel Pitch (mm)	0.26 x 0.26
	Viewing Angle (H/V)	170°/160°
	Backlight MTBF (Hrs)	50,000
Touch Screen	Touchscreen Type	Projected capacitive type with 10-point multitouch and anti-glare coating
	Touch Controller	EETI EXC3000
System	CPU	8th Generation Intel® Core™ i5-8365UE 4.10GHz 8th Generation Intel® Celeron® 4305UE 2.00GHz
	Memory	2 x 260-pin 2400 MHz dual-channel DDR4 unbuffered SO-DIMM supporting up to 32GB
	Graphics Engine	Intel® HD Graphics Gen 9 Engines with 16 low-power execution units, 4K codec decode
	Ethernet	2 x Intel® I210, 1 x Intel® I219
	TPM	On-board TPM2.0
Storage	2.5" HDD/SSD SATA 6Gb/s bay	
I/O Ports and Switches	4 x USB 3.2 Gen 2 (10Gbps) 1 x HDMI output 1 x RS-232/422/485 1 x RS-232 3 x GbE LAN (2 for PoE PD GbE LAN)	1 x 12V DC jack 1 x Power switch with LED indicator (blue) 1 x AT/ATX switch 1 x Line-out 1 x Reset button
	Expansion Slots	1 x NGFF M.2 2230 A Key (PCIe x1, USB signal) 1 x NGFF M.2 2280 M Key (support PCIe 3.0 x4 NVMe) 2 x PoE PD module socket (by IEI pin definition)
Thermal Solution	Fanless	
Watchdog Timer	Software Programmable support 1~255 sec. system reset	
Construction	Dimensions (mm) (W x H x D)	408.4 x 341.4 x 75.6
	Cutout Dimensions (mm)	391 x 324
	Net Weight (kgs)	7.2
	Color	PANTONE 296 C
	Front Frame	Aluminum die-casting
	Rear Cover	Sheet metal
	Mounting	Wall mount, Panel mount, Rack mount
Environmental	Operating Temp.	-10°C ~ 50°C (with air flow)
	Storage Temp.	-20°C ~ 60°C
	Humidity	10% ~ 95% (non-condensing)
	Vibration	5~17Hz, 0.1 double amplitude displacement 17~640Hz 1.5G acceleration peak to peak
	Shock	10G acceleration part to part (11ms)
	Safety & EMC	CE / FCC class A
Power Supply	12V DC input	

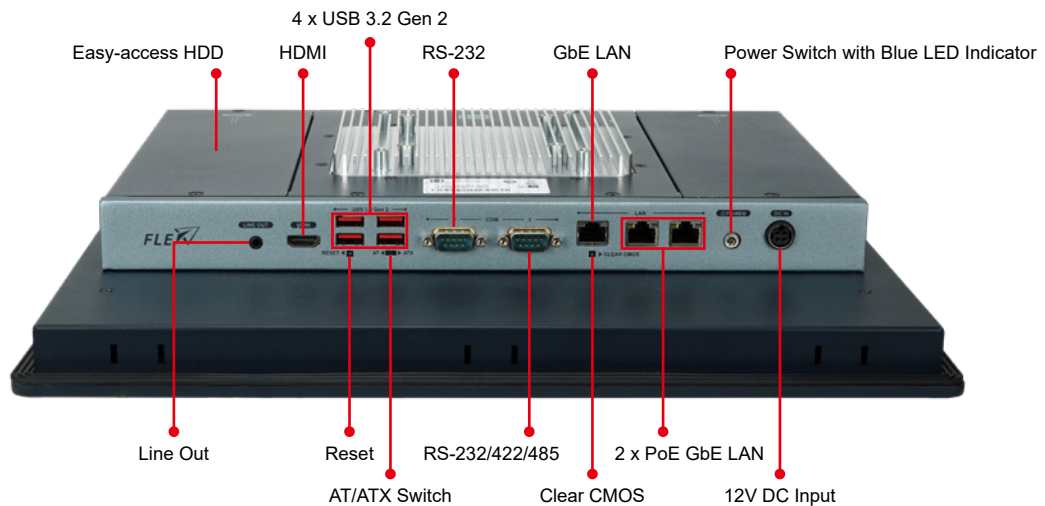
Ordering Information

Part No.		Description
17"	PPC-F17D-ULT5-i5/4G/PC-R12	17" 350 cd/m2 1280 x 1024 Panel PC with Intel® 14nm 8th Whiskey Lake Core- i5-8365UE (6M Cache, up to 4.10 GHz) TDP 15W on-board Processor (ULT), 4GB DDR4 RAM x1, 12VDC input, Projective capacitive touch window with AG, Powder paint, R12

Options

Item	PPC-F17D			
Arm	N/A			
Stand	STAND-A21-R10 STAND-C19-R10			
Wall Mount Kit	WK-190MS-R10			
Panel Mount Kit	FPK-12-R10	FPK-14-R10	FPK-13-R10	FPK-13-R10
Rack Mount Kit	N/A	FRKW15C-R11	N/A	FRKW19C-R11
PoE PD Kit	GPOE-PD-BT01-R10 (PoE IEEE802.3 af/at/bt, 71W)			

Fully Integrated I/O



PPC-F17D-ULT5 Dimensions (Unit: mm)

