

Nord Technology

Distributor of TAICENN hardware in Europe

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TPC-DCS156HF-4L



TPC-DCS156HF-4L

**15.6" FHD Panel PC with Intel Core Ultra CPUs;
Front IP66 rated; 4 GbE, 4 USB, 1 HDMI, 2 COM;
Pcap. Touch; Auto DC 12/19/24V; 2 expansion slots.**

Version: 1.0



Features:

- Modular & Fanless designed, aluminum-magnesium alloy;
- Support Intel Core™ Ultra (series 1/2) processors;
- 15.6" TFT LCD Display, LED Backlit, FHD 1920*1080;
- Multi up to 10 points Pcap. touchscreen, EETI controller;
- Auto detected DC 12/19/24V Input, optional wide DC 9~36V input;
- I/O interfaces: 4 GbE, 4 USB3.0, 2 COM, 1 HDMI;
- Intel PTT TPM2.0, Support Windows 11 OS;
- Panel mount, VESA 75/100 mount, Front IP66 rated protection;
- 1 M.2 and 1 Mini-PCle expansion slots.

Specification



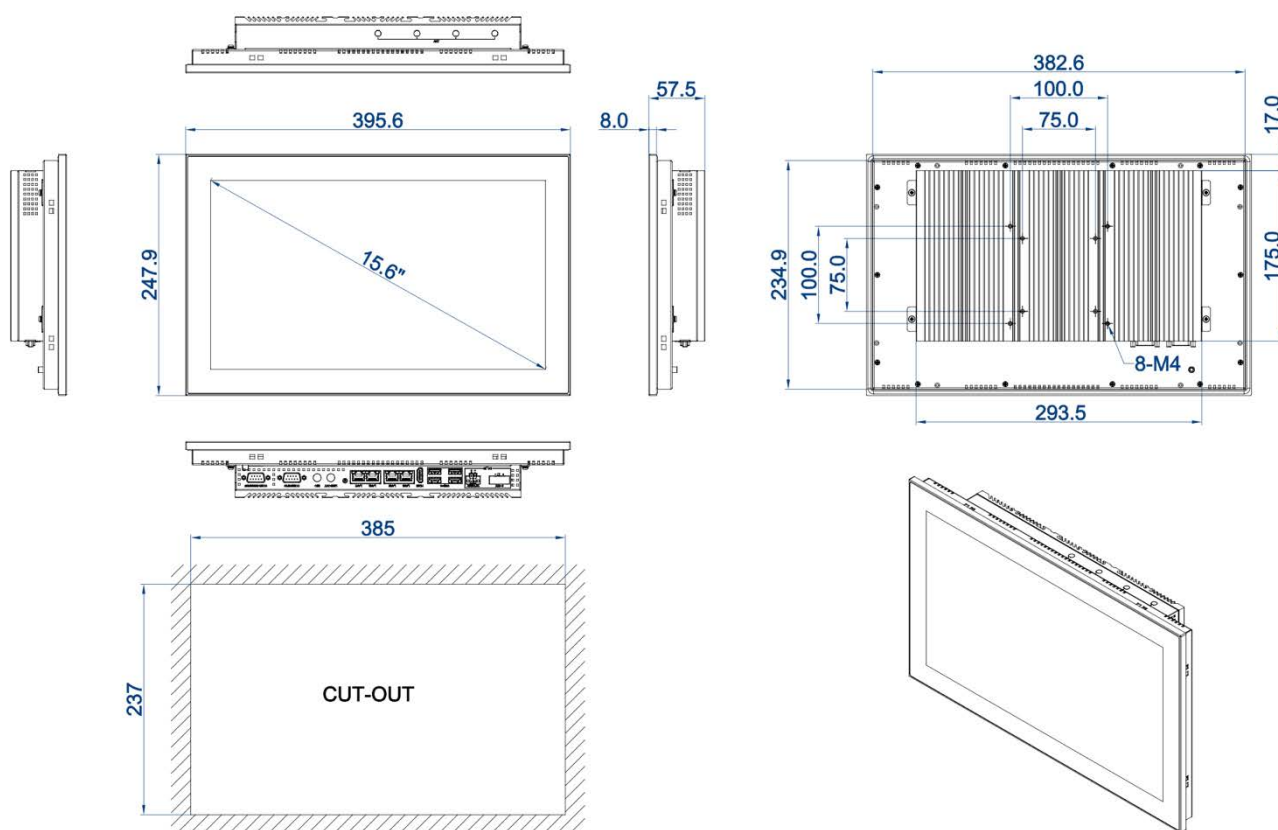
Hardware & System	BIOS	SPI AMI EEI BIOS
	CPU	Intel Core™ Ultra5 series1 125U (Up to 4.30Ghz, 12-cores) Intel Core™ Ultra5 series2 225U(Up to 4.80Ghz, 12-cores)
	TDP	Default 15W (BIOS Configured)
	Graphic	Intel 4Xe -cores Graphics (Up to 1.85Ghz) Intel 4Xe -cores Graphics (Up to 2.0Ghz)
	NPU	Intel AI Boost, 11TOPS (Int8) Intel AI Boost, 12TOPS (Int8)
	Memory	1* SO-DIMM, Support DDR5 5600 Mhz, Max. up to 32GB
	Storage	1* M.2 2280 M-Key (PCIe x4, Gen. IV NVMe) SSD; 1* 2.5" SATA-III SSD
	Network	4* Intel i210 GbE (Support PXE/PRL Boot), optional wireless 4G, Wi-Fi/BT
	Audio	On-board Realtek Audio HAD Codec
	Expansion	1* Mini-PCle slot (Support 4G, with 1*Sim slot); 1* M.2 E-Key 2230 slot (WiFi/BT)
	Watch dog	0 ~ 256 seconds programmable
I/O Interface	Operating System	Win10/Win11 (64bits), Linux, Ubuntu
	Ethernet	4 RJ45, 10/100/1000 Mbps
	COM	COM1: RS232/RS485 (Jumper); COM2:RS232 (Optional 8* GPIO)
	Audio	N/A (optional)
	USB	4* USB3.0 (Type-A)
	Display	1* HDMI (Max. 3840*2160 @30Hz)
LCD Display	Power	1* 2 Pins, Terminal Blocks
	Size/Type	15.6" TFT LCD Display
	Resolution	1920 * 1080 (FHD)
	Brightness	450 nits
	Backlit & Lifetime	LED Backlit & 50K hours
	Display Area	344.16* 193.59 (mm)
Touchscreen	View Angle	89/89/89/89
	Type	Projective capacitive touchscreen
	Touch points	Multi points touch, max. up to 10 points
	Durability	>100 000 000 times
	Surface Hardness	MOHS 6H
	Touch Controller	EETI
Structure	Special Treatment	Anti-Fingerprint (AF)
	Structure & Surface	Magnesium-Aluminum alloy, sand blasting, anodized treated
	Cooling System	Large area finned heatsink (Fanless designed)
	Overall Dimension	395.6 * 247.9 * 57.5 (mm)
	Cut-out Dimension	385 * 237 (mm)
	Net Weight	4.3 KG
	Mount Method	Panel mount, VESA 75/100 Mount

Power & Environmental

Operating temp.	-20 ~ + 60 (°C)
Storage temp.	-30 ~ + 70 (°C)
Humidity	10 ~ 95% @ 10C (No condensation)
Vibration	50 ~ 500 Hz, 1.5G, 0.15mm peak to peak
Shock	10G/Peak (11 ms)
Power input	Auto detected DC 12/19/24V power input (Optional wide voltage DC 9~36V: TPC-DCS156HFxW-4L)
Power consumption	About 40W
Certificate	CE/FCC/ROHS

Dimension (mm)

DIMENSIONAL DRAWING:TPC-DCS156Fx-4L



DIMENSIONS IN MILLIMETERS

TAICENN
DATE:2026.06.05
REV:A Unit:mm

Ordering information

Part no.	Description
TPC-DCS156HF1-4L	15.6" LCD, FHD 1920*1080, Intel Ultra5 (series1) 125U , Pcap. Touch, 4 GbE, 4 USB3.0, 1 HDMI, 2 COM, DC 12/19/24V, No PSU by default
TPC-DCS156HF2-4L	15.6" LCD, FHD 1920*1080, Intel Ultra5 (series2) 225U , Pcap. Touch, 4 GbE, 4 USB3.0, 1 HDMI, 2 COM, DC 12/19/24V, No PSU by default
TPC-DCS156HF ~~x~~ W-4L	15.6" LCD, FHD 1920*1080, Intel Ultra 5 125 225U CPUs, Pcap. Touch, 2 GbE, 4 USB3.0, 1 HDMI, 2 COM, Wide DC 9~36V, No PSU by default
Optional Accessories	DescriptionPacking List
Memory	SO-DIMM, DDR5, <u>8GB/16GB/32GB</u> Standard TPC-DCS156HF-4L Panel PC Product1 set
Storage	M.2 SSD: <u>128GB/256GB/512GB/1TB/2TB</u> Power Cable & Plug1 set
Wireless	Wi-Fi Module, with Antenna (M.2 2230)Panel Mount Clips (Metal)1 set (8 pieces)
	Wi-Fi with BT Integrated, With Antenna (M.2 2230)
	All Network 4G module, with Antenna (Mini-PCle)
Power Supply	PSU (If needed)