

Komodo 2-P-18.5

18.5" WXGA Panel PC with Intel Alder Lake -U; Front IP66 rated; 2 RJ45, 4 USB, 1 HDMI, 1 DP, 3 COM, 1 SW; Pcap. Touch; DC 9~36V; 2 M.2 & 1 Mini-PCIe slots.

Version: 3.0



Features:

- Modular & Fanless designed, aluminum-magnesium alloy;
- Intel 12th Gen. Alder Lake-U Core i3/i5/i7 processors;
- Widescreen 18.5" TFT LCD Display, LED Backlit, WXGA 1366*768;
- Multi up to 10 points Pcap. touchscreen, EETI controller;
- DC terminal, wide 9~36 V input range;
- 2 RJ45, 2 USB3.1, 2 USB3.0, 3 COM, 1 HDMI, 1 DP, Audio;
- 1 USB type-C (USB3.1 & DP1.4a), 1 SW Remote Switch;
- Intel PTT TPM2.0, Support Windows 11 OS;
- Panel mount, VESA 75/100 mount, Front IP66 rated protection;
- Optional 2 M.2 and 1 Mini-PCIe expansion slots.

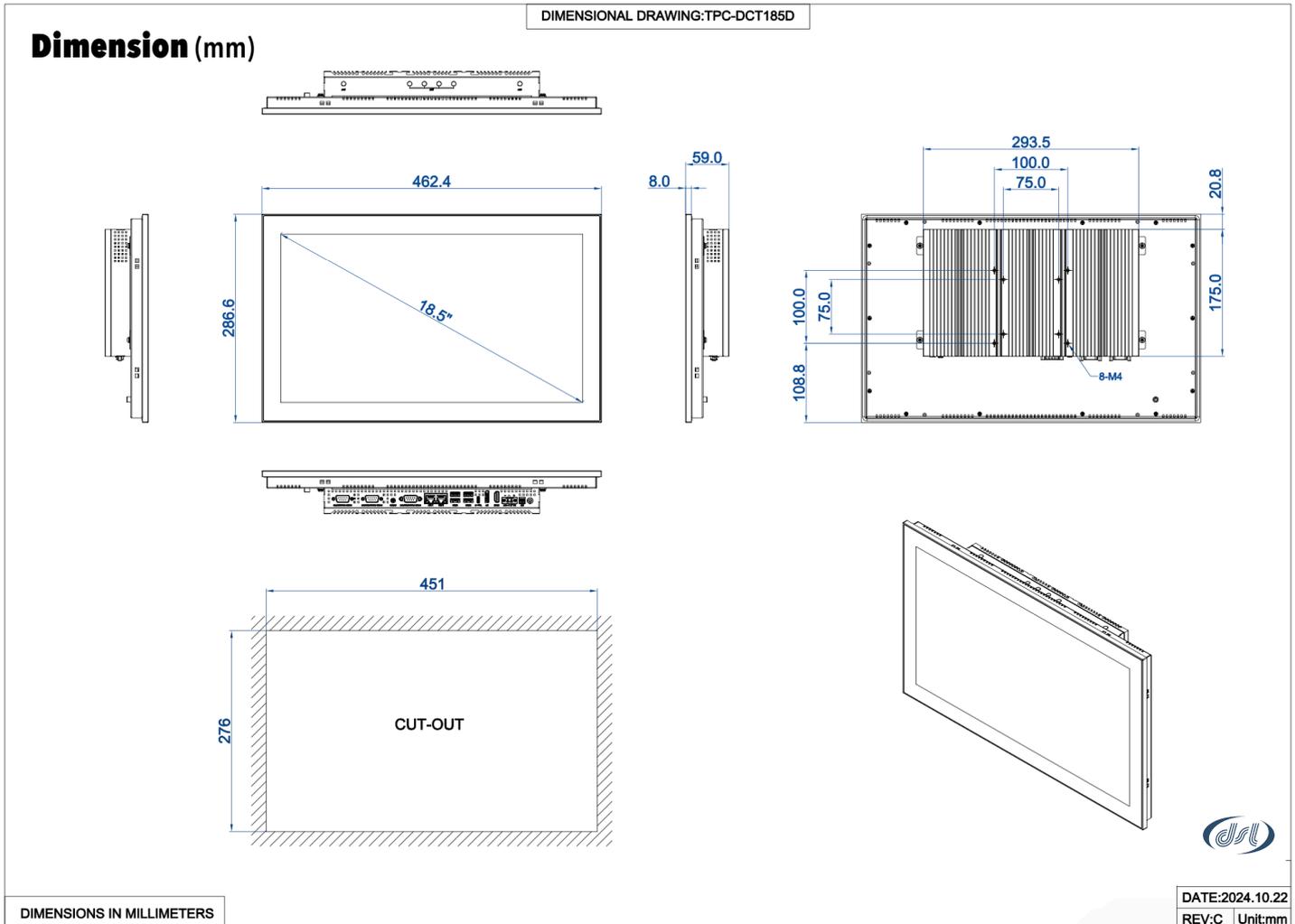
Specification



Hardware & System	<p>BIOS: SPI AMI EET BIOS</p> <p>CPU: Intel 12th Gen. Core i3-1215U, Core i5-1235U, Core i7-1255U</p> <p>Graphic: Intel UHD/Iris Xe Graphic</p> <p>Memory: 2* SO-DIMM, Support DDR5-4800 MHz, Max. up to 64GB</p> <p>Storage: 1* M.2 2280 M-Key slot (PCIe x4 Gen IV, NVMe) SSD, 1* M.2 2280 M-Key slot (NVMe/SATA) SSD, 1* SATA3.0 SSD</p> <p>Network: 1* Intel I226 (2.5GbE), 1* Intel I219 (GbE) Network chips, optional 3G/4G/5G/Wi-Fi/BT, Wi-Fi6 wireless</p> <p>Audio: On-board Realtek ACL 897 Audio controller</p> <p>Expansion: 1* M.2 (NGFF) B-Key 3042/3052 slot, 1* M.2 E-Key 2230 slot, 1* Mini-PCIe slot, 1* SIM Card slot</p> <p>Watch dog: 0 ~ 256 seconds programmable</p> <p>Operating System: Win10 IoT 2021 LTSC; Win10 (21H2), Win11(21H2 or later); Linux Kernel 5.17 or later</p>
I/O Interface	<p>Ethernet: 2 RJ45</p> <p>COM: COM1/2: RS232/RS485/RS422 (BIOS configured); COM3: RS232/GPIO</p> <p>Audio: Mic-in/Line-out (2 in 1, 3.5mm Jack)</p> <p>USB: 2* USB3.1 (USB3.2 Gen2 x1, 10 Gbps), 2* USB3.0 (USB3.2 Gen1 x1, 5Gbps), 1* USB-C (USB3.1 & DP1.4a)</p> <p>Display: 1* HDMI1.4 (Max. resolution to 4K@30Hz), 1* DP++ (Max. support 8K @30Hz)</p> <p>Power: 1* 2 Pins, Phenix Terminal</p>
LCD Display	<p>Size/Type: 18.5" TFT LCD Display</p> <p>Resolution: 1366 * 768 (WXGA)</p> <p>Brightness: 250 nits</p> <p>Backlit & Lifetime: LED Backlit & 30K hours</p> <p>Display Area: 409.8 * 230.4 (mm)</p> <p>View Angle: 89/89/89/89</p>
Touchscreen	<p>Type: Projective capacitive touchscreen</p> <p>Touch points: Multi points touch, max. up to 10 points</p> <p>Durability: >100 000 000 times</p> <p>Surface Hardness: MOHS 6H</p> <p>Touch Controller: EETI</p> <p>Special Treatment: Anti-Fingerprint (AF)</p>
Structure	<p>Structure & Surface: Magnesium-Aluminum alloy, sand blasting, anodized treated</p> <p>Cooling System: Large area finned heatsink (Fanless designed)</p> <p>Overall Dimension: 462.4 * 296.6 * 59.0 (mm)</p> <p>Cut-out Dimension: 451 * 276 (mm)</p> <p>Net Weight: 5.6 KG</p> <p>Mount Method: Panel mount, VESA 75/100 Mount</p> <p>Operating temp.: 0 ~ + 50 (°C)</p>



Power & Environmental	Storage temp.	-20 ~ + 60 (°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	Wide DC 9~36V
	Power consumption	About 40W
	Certificate	CE/FCC/ROHS



Ordering information

Part no.	Description		
TPC-DCT185D1	18.5" LCD, WXGA 1366 *768, Intel Core i3-1215U, Pcap. Touch, 2 RJ45, 2 USB3.1, 2 USB3.0, 1 USB-C, 1 HDMI, 1 DP, 3 COM, Audio, 1 SW, DC 9~36V, PSU		
TPC-DCT185D2	18.5" LCD, WXGA 1366 *768, Intel Core i5-1235U, Pcap. Touch, 2 RJ45, 2 USB3.1, 2 USB3.0, 1 USB-C, 1 HDMI, 1 DP, 3 COM, Audio, 1 SW, DC 9~36V, PSU		
TPC-DCT185D3	18.5" LCD, WXGA 1366 *768, Intel Core i7-1255U, Pcap. Touch, 2 RJ45, 2 USB3.1, 2 USB3.0, 1 USB-C, 1 HDMI, 1 DP, 3 COM, Audio, 1 SW, DC 9~36V, PSU		
Optional Accessories	Description	Packing List	
Memory	SO-DIMM, DDR5, <u>8GB/16GB/32GB/64GB</u>	Standard TPC-DCT185D Panel PC Product	1 set
Storage	SSD: <u>256GB/512GB/1TB/2TB</u>	PSU (90W Power Supply)	1 set
Wireless	Wi-Fi Module, with Antenna	Panel mount clips (Metal)	1 set (8 pieces)
	Wi-Fi Module with BT Integrated, With Antenna	Power Cable & Plug	1 set
	All Network 4G module, with Antenna		
	5G Network module, with Antenna		