

TPC-DCS170E1

17.0" SXGA Elkhart Lake J6412 Pcap. Panel PC

Version: 3.1

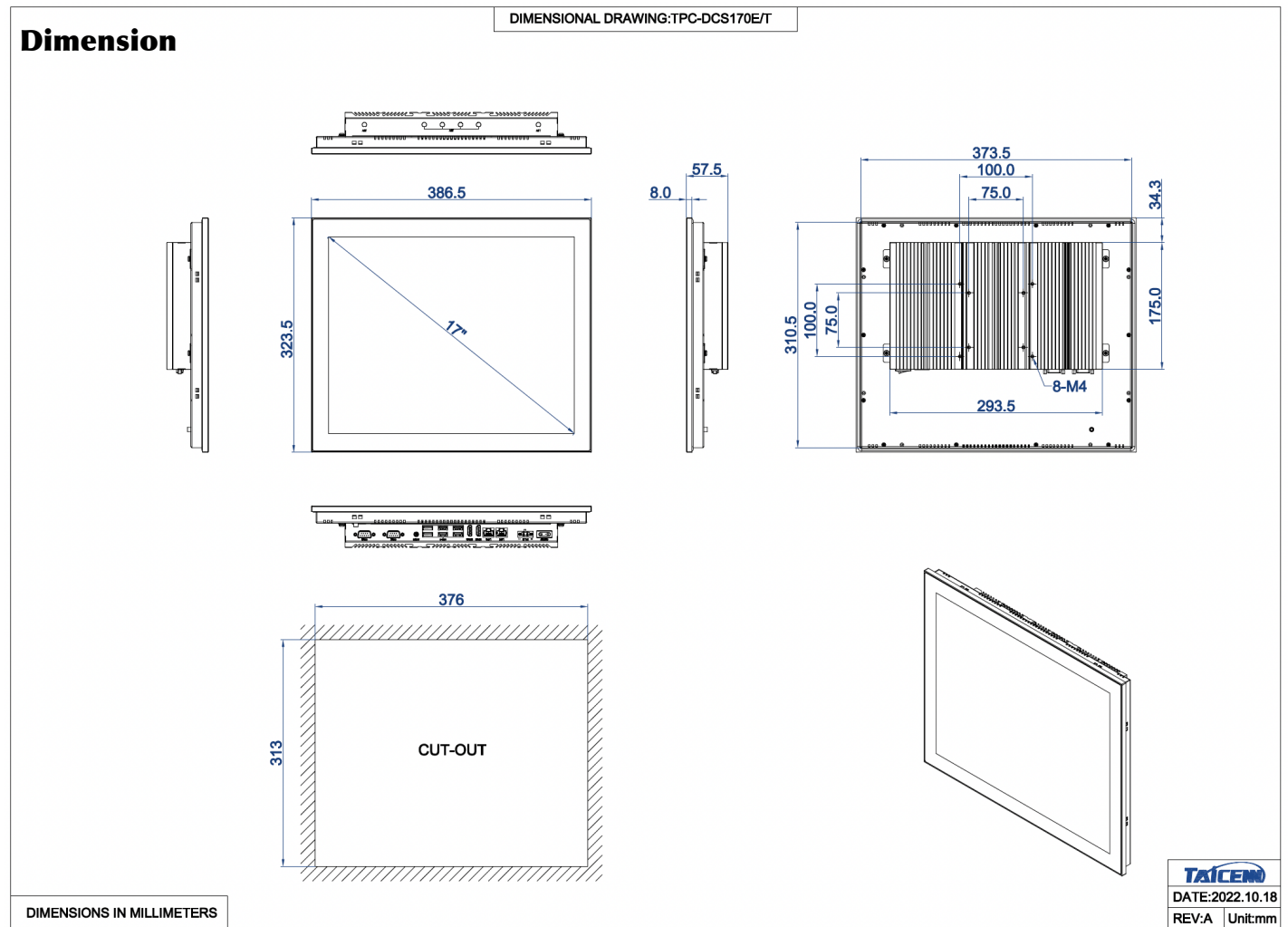


Features

- 17.0" TFT LCD display, LED Backlit, SXGA 1280 *1024;
- Intel Elkhart Lake Celeron J6412 processor, Quad-core 2.0Ghz;
- 1* DDR4 memory, up to 32GB, 1* M.2 NVMe and 1* 2.5" SATA storage;
- Multi-points (Max. up to 10 points) Projective capacitive touch, EETI controller;
- Aluminum-magnesium alloy, anodized treatment, Modular designed;
- DC 12V power input, optional wide voltage DC 9~36V range;
- IO: 2*GLAN, 3*USB3.0, 3*USB2.0, 2*COM (DB9), 2*HDMI, Audio;
- Intel PTT TPM2.0, support Windows 11;
- Fan-less & Slim design, Panel mount, VESA, Front IP65 protection.

Specification

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|----------------------------------|-----------------------|--|
| Hardware & System | BIOS | SPI AMI EEI BIOS |
| | CPU | Intel Elkhart Lake Celeron J6412, Quad-core 2.0Ghz, burst to 2.6Ghz, TDP 10W |
| | Memory | SO-DIMM, Support DDR4 2666/2933/3200 MHz, Max. up to 32GB |
| | Storage | 1* M.2 2280 M-key (PCIe x2 Gen.III NVMe) SSD, 1* 2.5" SATA-III SSD |
| | Graphic | Intel UHD Graphics for 10 th Gen Intel processors |
| | Network | 2* Intel I225 GBE LAN chip (Optional wireless 3G/4G, Wi-Fi/BT, 4G/5G) |
| | Audio | On-board Realtek ACL 897 audio controller |
| | Expansion | 1* M.2 Key-B 3052 slot, 1* Mini-PCIe slot |
| | Watch dog | 0~256 seconds programmable |
| | OS | Win10, Win11, Linux, Ubuntu |
| IO interface | COM | 2*RS232 (Optional 1* RS485) |
| | Ethernet | 2* RJ45, 10/100/1000 Mbps |
| | Audio | Mic-in/Line-out (2 in 1, 4.0mm jack) |
| | USB | 3x USB3.0, 3x USB2.0 |
| | Display | 2x HDMI |
| | Power | 1x 2 pins, phenix terminal |
| LCD Display | Size/Type | 17.0" TFT LCD |
| | Resolution | 1280 * 1024 (SXGA) |
| | Brightness | 250 nits |
| | Backlit & Lifetime | LED backlit & 30 000hours |
| | Display area | 337.92 * 270.34 |
| | View angle | 85/85/85/85 |
| Touchscreen | Type | Projective capacitive touchscreen |
| | Touch points | Multi points touch, max. up to 10 points |
| | Durability | >100 000 000 times |
| | Surface hardness | Mohs 6H |
| | Special treatment | Anti-fingerprint (AF) |
| Structure | Structure and surface | Magnesium-Aluminum alloy, sand blasting, anodized treatment |
| | Mount method | Panel mount, VESA 75/100 |
| | Cooling system | Large area finned heat sink |
| | Overall dimension | 386.5 * 323.5 * 57.5 (mm) |
| | Cut-out dimension | 376 * 313 (mm) |
| | Net weight | 4.7 KG |
| | IP protection | Front Panel IP65 |
| | | |
| Power & Environmental | Operating temp. | 0 ~ +50°C |
| | Storage temp. | -20 ~ +60°C |
| | Relative Humidity | 10 ~ 95% @ 10C (Non-condensation) |
| | Vibration | 50 ~ 500 Hz, 1.5G, 0.15mm peak to peak |
| | Shock | 10G/Peak (11 ms) |
| | Power input | DC 12V (Optional DC 9~36V) |
| | Power consumption | Around 35W |
| | EMC | CE/FCC Class A |



Ordering info.

| Part no. | Description |
|------------------|---|
| TPC-DCS170E1 | 17.0", 1280 * 1024, Celeron J6412, Quad-core 2.0Ghz , Pcap. touch, 2*GLAN, 3*USB3.0, 3*USB2.0, 2*COM, 2*HDMI, DC 12V, PSU |
| TPC-DCS170E1W | 17.0", 1280 * 1024, Celeron J6412, Quad-core 2.0Ghz , Pcap. touch, 2*GLAN, 3*USB3.0, 3* USB2.0, 2*COM, 2*HDMI, DC 9~36V, No PSU by default |
| Memory | SO-DIMM, DDR4, 4GB/8G/16G/32G Memory |
| Storage | M.2 SSD: <u>128GB/256GB/512GB</u> 2.5" SATA SSD: <u>64GB/128GB/256GB/512GB/1TB</u> 2.5" HDD: <u>2TB/4TB</u> |
| Wireless Modules | Wi-Fi module, with Antenna Wi-Fi with BT integrated module, with Antenna All network 4G/LTE module, With Antenna 5G module, with Antenna |
| Power supply | Optional PSU for TPC-DCS170E1W (If needed) |
| SIM Card module | Sim card slot for 3G/4G/5G wireless expansion |

Packing List

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|---|----------------------------|
| ■ | 1x Standard Product |
| ■ | 1x 60W PSU (Power Supply) |
| ■ | 1x Power cable & Plug |
| ■ | 8x Panel mount metal clips |