

TPC-DRM156HW

15.6" Full HD Whiskey Lake Resistive Panel PC

Version: 3.0

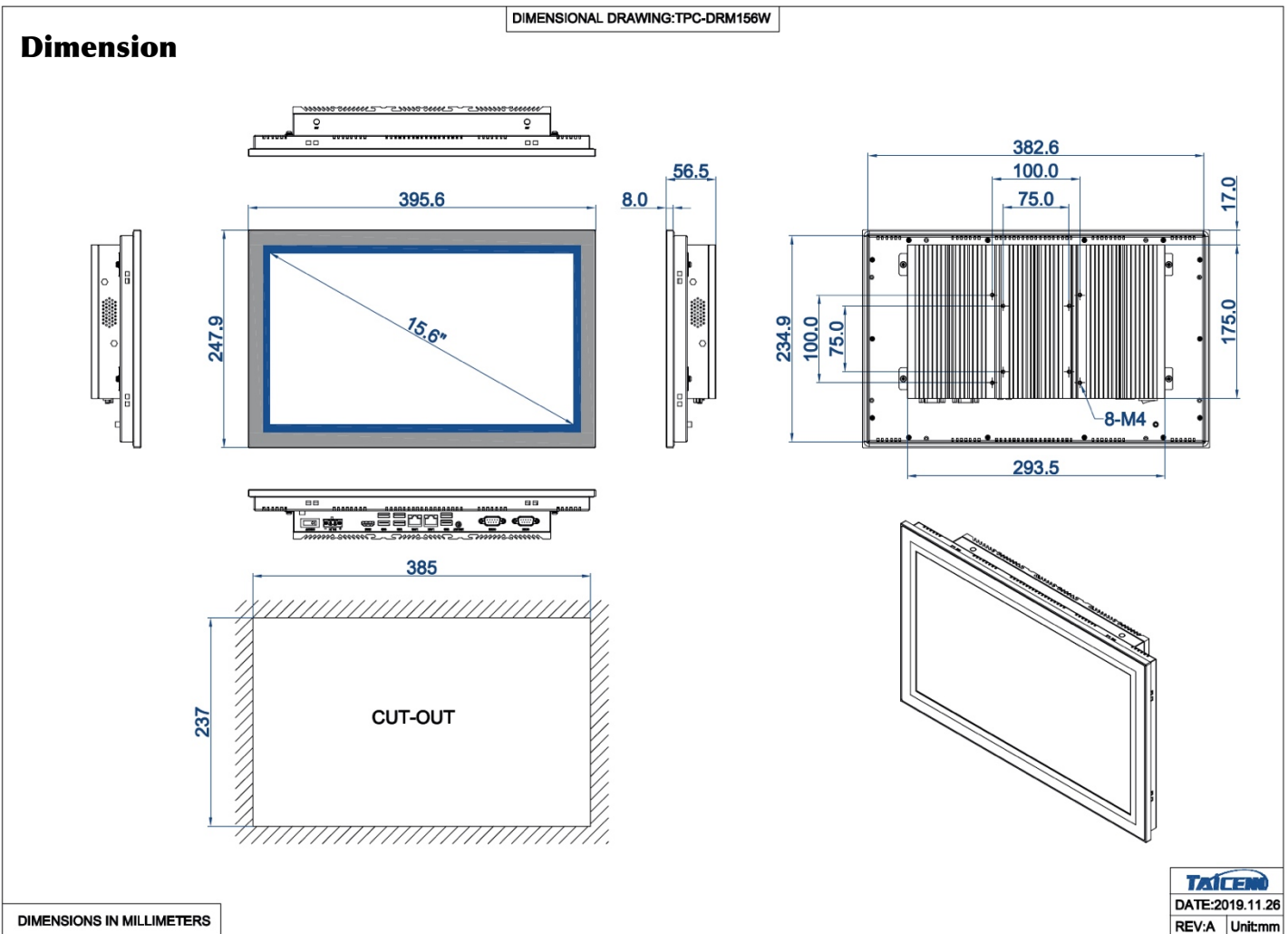


Features

- Widescreen 15.6" LCD, WLED Backlit, Full HD 1920 *1080;
- Intel 8th -gen. Whiskey Lake Celeron, Core i3/i5/i7 processor;
- High-temp. 5-wires precision resistive touchscreen, EETI controller;
- Aluminum-magnesium alloy, anodized treatment, Modular designed;
- DC 9~24V, with over-current, over-voltage and polarity protection;
- 2*GLAN, 4*USB3.0, 2*USB2.0, 2*COM, 1*HDMI, Line-out;
- Fan-less & Slim design, Panel mount, VESA, Front IP65 protection.

Specification

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|----------------------------------|-----------------------|---|
| Hardware & System | BIOS | SPI AMI EEI BIOS |
| | CPU | Intel 8 th -gen. Whiskey Lake Celeron 4205U, Core i3-8145U, Core i5-8265U, Core i7-8565U |
| | Memory | SO-DIMM, DDR4-2400 MT/s, Max. up to 16GB |
| | Storage | 1* 2.5"SATA + 1*mSATA |
| | Graphic | Intel UHD Graphics 620 |
| | Network | 2* Intel I211AT (Optional 3G/4G/Wi-Fi) |
| | Audio | On-board Realtek ACL 269 audio controller |
| | Expansion | 1* Full size Mini-PCIe slot |
| | Watch dog | 0~256 seconds programmable |
| | OS | Win10, Linux |
| IO interface | COM | 2*RS232 (Support 1x RS485) |
| | Ethernet | 2* RJ45, 10/100/1000 Mbps |
| | Audio | Line out |
| | USB | 4x USB3.0, 2x USB2.0 |
| | Display | 1x HDMI |
| | Power | 1x 2 pins, phenix terminal |
| LCD Display | Size/Type | 15.6" TFT LCD |
| | Resolution | 1920 * 1080 (Full HD) |
| | Brightness | 400 nits |
| | Backlit & MTBF | LED backlit & 50 000hours |
| | Display area | 344.23 * 193.54 |
| | View angle | 70/70/60/60 |
| Touchscreen | Type | High temp. 5-wires Resistive touchscreen |
| | Response time | <5ms |
| | Click life | 250g / 35 million times |
| | Special treatment | PET film laminated, flat design |
| | Touch controller | EETI |
| 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 | 395.6 * 247.9 * 56.5 (mm) |
| | Cut-out dimension | 385 * 237 (mm) |
| | Net weight | 4.3 KG |
| | IP protection | Front Panel IP65 |
| Power & Environmental | Operating temp. | 0 ~ +60°C |
| | Storage temp. | -20 ~ +70°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 9~24V |
| | Power consumption | Around 40W |
| EMC | CE/FCC Class A | |



Ordering info.

| Part no. | Description |
|--------------------------------------|--|
| TPC-DRM156HW0 | 15.6", 1920 * 1080, Celeron 4205U , Dual-core 1.8Ghz , Resistive touch, 2*GLAN, 6*USB, 2*COM, 1*HDMI, Line-out, DC 9~24V |
| TPC-DRM156HW1 | 15.6", 1920 * 1080, Core i3-8145U , Dual-core 2.1Ghz , Resistive touch, 2*GLAN, 6*USB, 2*COM, 1*HDMI, Line-out, DC 9~24V |
| TPC-DRM156HW2 | 15.6", 1920 * 1080, Core i5-8265U , Quad-core 1.6Ghz , Resistive touch, 2*GLAN, 6*USB, 2*COM, 1*HDMI, Line-out, DC 9~24V |
| TPC-DRM156HW3 | 15.6", 1920 * 1080, Core i7-8565U , Quad-core 1.8Ghz , Resistive touch, 2*GLAN, 6*USB, 2*COM, 1*HDMI, Line-out, DC 9~24V |
| TDDR4- 4/8/16 GB1 | Memory: SO-DIMM, DDR4, <u>4GB/8GB/16GB</u> Memory |
| TMSATA- 32/64/128/256/512 GB1 | mSATA SSD: <u>32GB/64GB/128GB/256GB/512GB</u> |
| T25SAS- 256/512 GB1 | 2.5" SATA SSD: <u>256GB/512GB</u> |
| T25SAH- 1T/2T/4TB 1 | 2.5" HDD: <u>1TB/2TB/4TB</u> |
| TWM-WIFIA1 | Wi-Fi module, with Antenna |
| TWM-WIFIBT1 | Wi-Fi with BT integrated module, with Antenna |
| TWM-4GA1 | All network 4G/LTE module, With Antenna |
| TS-2W2MS | 2 * 2W Mini Speaker |

Packing List

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|---|----------------------------|
| ■ | 1x Standard Product |
| ■ | 1x 90W PSU (Power Supply) |
| ■ | 1x Power cable & Plug |
| ■ | 8x Panel mount metal clips |