

TPC-DRM121C1

12.1" XGA Intel Baytrail Resistive Panel PC

Version: 3.0

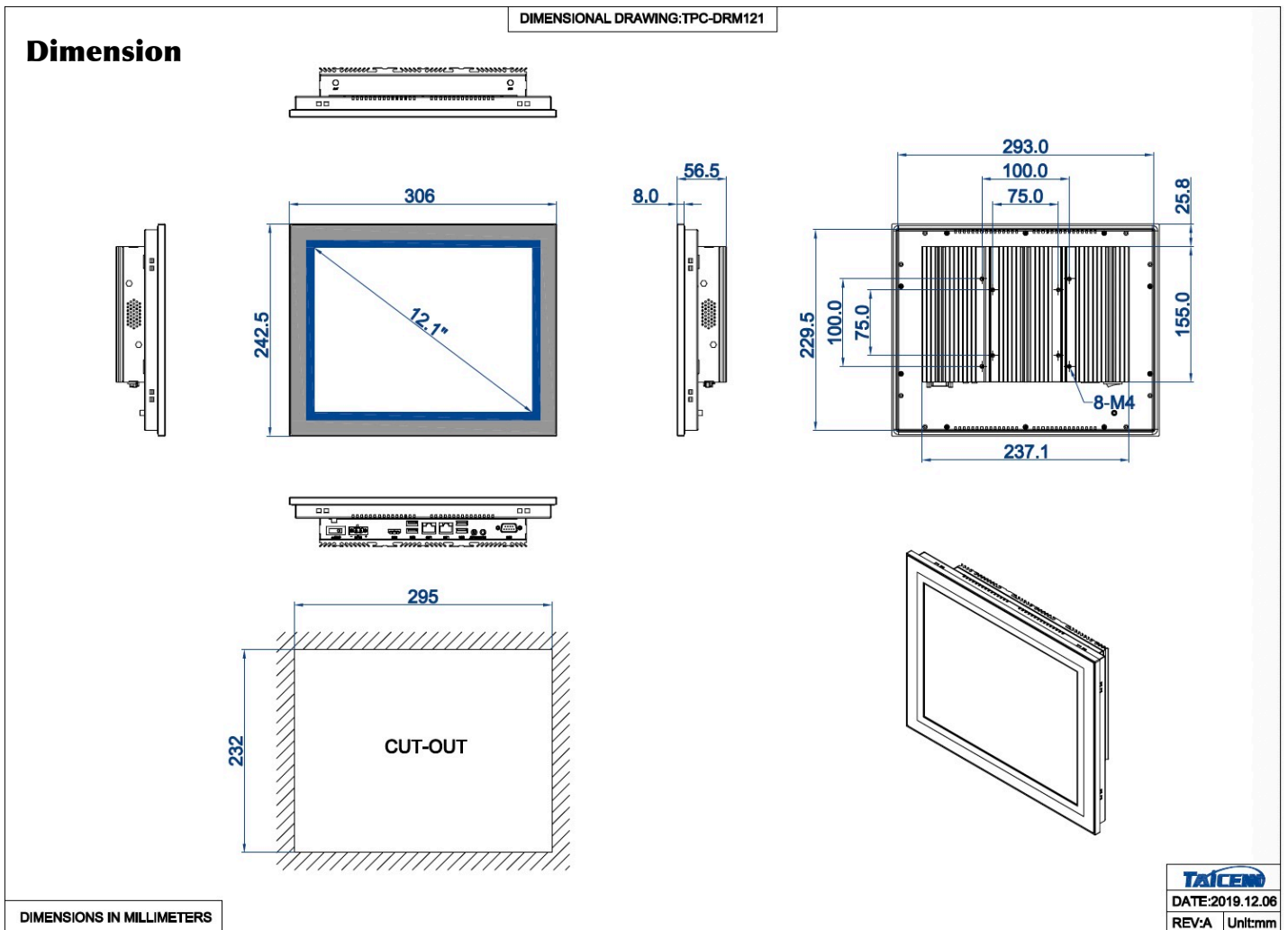


Features

- 12.1" TFT LCD display, LED Backlit, XGA 1024 *768;
- Intel Baytrail J1900 2.0Ghz Quad-core processor;
- High temp. 5-wires precision resistive touchscreen, EETI controller;
- Aluminum-magnesium alloy, anodized treatment, Modular designed;
- Wide voltage DC 9~24V power input;
- 2*GLAN, 4*USB, 1*COM, 1*HDMI, Mic-in/Line-out;
- Fan-less & Slim design, Panel mount, VESA, Front IP65 protection.

Specification

| | | |
|----------------------------------|-----------------------|---|
| Hardware & System | BIOS | SPI AMI EEI BIOS |
| | CPU | Intel Baytrail J1900, Quad-core 2.0Ghz, burst to 2.42Ghz |
| | Memory | SO-DIMM, DDR3L-1333, Max. up to 8GB (Compatible with DDR3) |
| | Storage | 1*mSATA |
| | Graphic | Intel HD Graphic Gen 7 |
| | Network | 2* Intel I211AT (Optional 3G/4G/Wi-Fi) |
| | Audio | On-board Realtek ACL 282 audio controller |
| | Expansion | 1* Full size Mini-PCIe slot |
| | Watch dog | 0~256 seconds programmable |
| | OS | Win7, Win8, Win embedded, Win10, Linux |
| IO interface | COM | 1*RS232 (Support RS485) |
| | Ethernet | 2* RJ45, 10/100/1000 Mbps |
| | Audio | Mic-in/Line-out |
| | USB | 1x USB3.0, 3x USB2.0 |
| | Display | 1x HDMI |
| | Power | 1x 2 pins, phenix terminal |
| LCD Display | Size/Type | 12.1" TFT LCD |
| | Resolution | 1024 * 768 (XGA) |
| | Brightness | 350 nits |
| | Backlit & MTBF | LED backlit & 30 000hours |
| | Display area | 245.76 * 184.32 |
| | View angle | 80/80/80/80 |
| 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 | 306.0 * 242.5 * 56.5 (mm) |
| | Cut-out dimension | 295 * 232 (mm) |
| | Net weight | 3.5 KG |
| | IP protection | Front Panel IP65 |
| | | |
| Power & Environmental | Operating temp. | -20 ~ +70°C |
| | Storage temp. | -30 ~ +80°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 30W |
| | EMC | CE/FCC Class A |



Ordering info.

| Part no. | Description |
|--------------------------------------|---|
| TPC-DCM121C1 | 12.1", 1024 * 768, Intel Baytrail J1900, Pcap. touch, 2*GLAN, 4*USB, 1*COM, 1*HDMI, Mic-in/Line-out, DC 9~24V |
| TPC-DRM121C1 | 12.1", 1024 * 768, Intel Baytrail J1900, Resistive touch, 2*GLAN, 4*USB, 1*COM, 1*HDMI, Mic-in/Line-out, DC 9~24V |
| TDDR3- <u>2/4/8</u> GB1 | Memory: SO-DIMM, DDR3L, <u>2GB/4GB/8GB</u> Memory |
| TMSATA- <u>32/64/128/256/512</u> GB1 | mSATA SSD: <u>32GB/64GB/128GB/256GB/512GB</u> |
| TWM-WIFIA1 | Wi-Fi module, with Antenna |
| TWM-WIFIB1 | Wi-Fi with BT integrated module, with Antenna |
| TWM-4GA1 | All network 4G/LTE module, With Antenna |

Packing List

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