TEGUAR

# TP-5010-17

## 17" Flush Mount Panel PC




## Key Highlights

- 17" LED Backlit Full Flat Resistive/P-cap Touch Panel
- Intel 6th Generation Skylake Core i3/i5/i7 CPU
- HDD Anti-vibration Mechanism
- IP66 Rated Front Side
- Optional Wireless Connectivity

VIEW ONLINE

The TP-5010-17 runs on an Intel Skylake Core i3/i5/i7 CPU and has a rugged, fanless design. This Panel PC can be panel mounted into a cut out enclosure on your production line, machine, or wall, or it can be VESA mounted. The IP66 rated front bezel is full-flat for easy cleaning. The PCap or resistive touchscreen has a 5:4 screen ratio, which is required for some HMI and SCADA applications.

**This product is now considered "Previous Generation." meaning it may or may not still be available for purchase. Call +1 800 870 7715 for details on this product or check out our full list of currently available Panel PCs.**

**USA**
Teguar
2920 Whitehall Park Drive
Charlotte, NC 28273
+1 866-693-3105
sales@teguar.com

**EUROPE**
Teguar Europe AG
Churerstrasse 54, CH-8808
Pfäffikon, Switzerland
+41 41 561 53 11
sales.EU@teguar.com

**ASIA**
Teguar Taiwan Ltd.
Rm. A, 28F-12., No.99, Sec. 1, Xintai 5th Rd.,
Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)
+886 2 7751 5319
sales@teguar.com.tw

# Technical Specifications

## Primary Components

| | |
|---|---|
| **Processor Family** | Intel Core I series 6th Generation Skylake |
| **Processor Model** | Core i5-6200U |
| **Processor Speed** | 2.3 GHz |
| **Memory Type** | 2x DDR4 SO-DIMM |
| **Memory Support** | 4GB, 8GB, 16GB, 32GB |
| **Storage Type** | 1x 2.5" SATA Drive Bay for SSD/HDD, M.2, mSATA |
| **Storage Support** | 32GB-1TB |

## External I/O Ports

| | |
|---|---|
| **USB** | 4x USB 3.0 |
| **Serial / Com** | 2x COM |
| **Serial Protocol Detail** | 1x RS-232, 1x RS-232/422/485 (RS485 supports auto flow control) |
| **Ethernet / LAN** | 2x RJ45 GbE LAN |
| **Video Outputs** | 2x DisplayPort |
| **Audio Ports** | 1x 3.5mm Microphone Jack, 1x Audio Line-Out |
| **Power Input Port** | 4-Pole DIN (latching) |

## Expansion Slots

| | |
|---|---|
| **Internal M.2** | 1x M.2 Type E |
| **Video Card Support** | Intel Integrated HD Graphics 520 |

## Enclosure

| | |
|---|---|
| **Material** | Aluminum, Optional Stainless Steel Bezel, Steel |
| **IP Rating** | IP66 Front Bezel |
| **Color** | Black |
| **Control Buttons** | Power Button, Power Reset |
| **Mounting Options** | Panel Mount, VESA Mount |

## Certification

| | |
|---|---|
| **Certifications** | CE, FCC Class B, VCCI |

## Warranty

| | |
|---|---|
| **Warranty** | Up to 5 Years |

***Specifications subject to change.***

## Display

| | |
|---|---|
| **Screen Size** | 17" |
| **Screen Resolution** | 1280 x 1024 (SXGA) |
| **Screen Ratio** | 5:4 |
| **Brightness** | 350 nits |

## Touch Screen

| | |
|---|---|
| **Touch Screen** | Projected Capacitive, Resistive |
| **Hardness** | Resistive: 4H, P-cap: 7H |

## Power

| | |
|---|---|
| **Input Voltage Range** | 9-32V DC |
| **Max Power Consumption** | 61.4W |
| **Standard Power Adapter** | Optional, 100 watts, universal 100 ~240V AC in, 12V DC out, 8.33A |

## Operating Systems

| | |
|---|---|
| **Windows** | Windows 10 IoT, Windows 10 Pro, Windows 7 Pro |

## Compatibility

| | |
|---|---|
| **Security Hardware** | Optional TPM 2.0 |

## Thermal & Environmental

| | |
|---|---|
| **Operating Temperature** | 0°C - 50°C (32°F – 122°F) |
| **Storage Temperature** | -20°C - 60°C (-4°F – 140°F) |
| **Cooling Solution** | Passive – Fanless |
| **Humidity Range** | 10% – 90% Non-condensing |
| **Storage Humidity** | 10% – 90% Non-condensing |

## Peripherals & Wireless Connectivity

| | |
|---|---|
| **WiFi** | Optional 802.11 ac + Bluetooth 4.0 with External Antennas |

## Weight / Dimensions

| | |
|---|---|
| **Weight** | 8.5 kg (18.7 lbs) |
| **Dimensions** | 426.2 x 358.6 x 90 mm (16.8 x 14.1 x 3.5 in) |


**USA**
**Teguar**
**2920 Whitehall Park Drive**
**Charlotte, NC 28273**
**+1 866-693-3105**
**sales@teguar.com**

**EUROPE**
**Teguar Europe AG**
**Churerstrasse 54, CH-8808**
**Pfäffikon, Switzerland**
**+41 41 561 53 11**
**sales.EU@teguar.com**

**ASIA**
**Teguar Taiwan Ltd.**
**Rm. A, 28F-12., No.99, Sec. 1, Xintai 5th Rd.,**
**Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)**
**+886 2 7751 5319**
**sales@teguar.com.tw**

## I/O Diagram Images

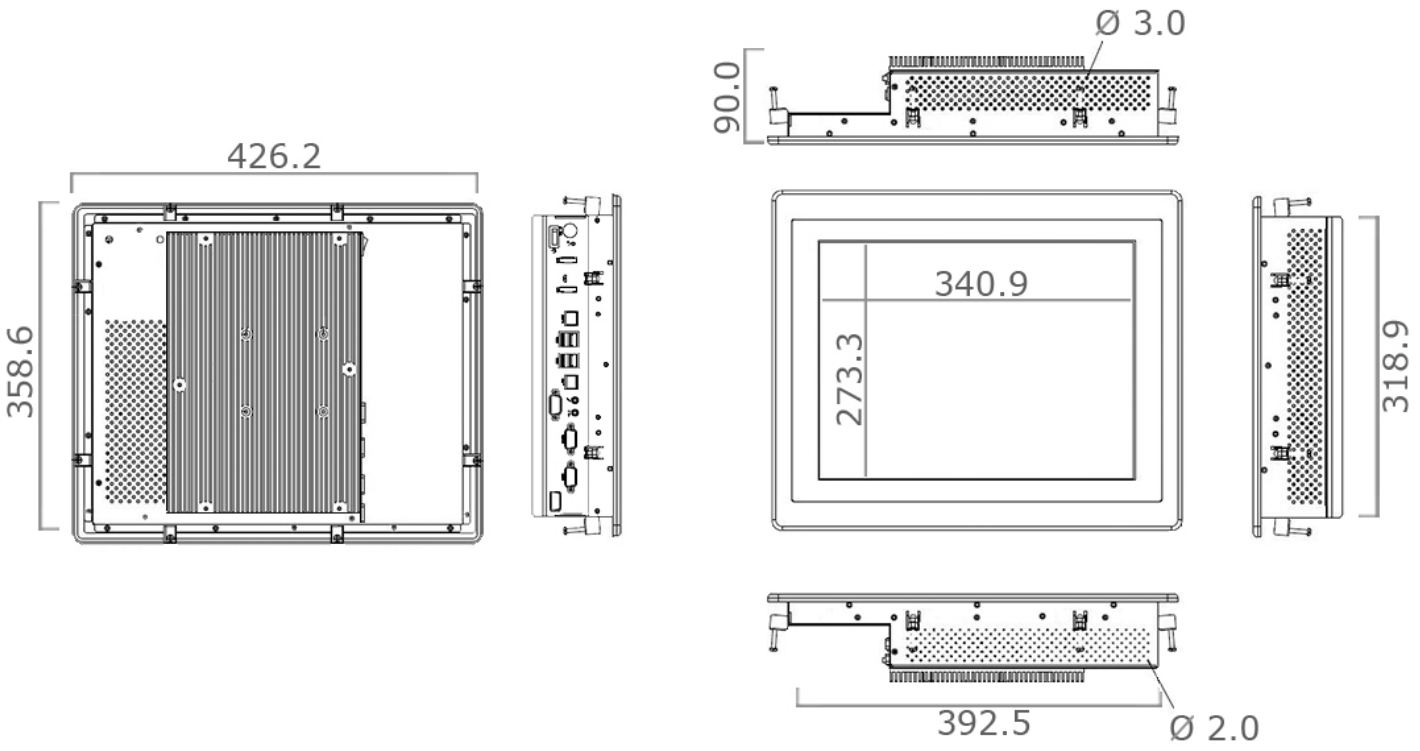



**USA**
Teguar
2920 Whitehall Park Drive
Charlotte, NC 28273
+1 866-693-3105
sales@teguar.com

**EUROPE**
Teguar Europe AG
Churerstrasse 54, CH-8808
Pfäffikon, Switzerland
+41 41 561 53 11
sales.EU@teguar.com

**ASIA**
Teguar Taiwan Ltd.
Rm. A, 28F-12., No.99, Sec. 1, Xintai 5th Rd.,
Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)
+886 2 7751 5319
sales@teguar.com.tw

## Tech Diagram Images




**USA**
Teguar
2920 Whitehall Park Drive
Charlotte, NC 28273
+1 866-693-3105
sales@teguar.com

**EUROPE**
Teguar Europe AG
Churerstrasse 54, CH-8808
Pfäffikon, Switzerland
+41 41 561 53 11
sales.EU@teguar.com

**ASIA**
Teguar Taiwan Ltd.
Rm. A, 28F-12., No.99, Sec. 1, Xintai 5th Rd.,
Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)
+886 2 7751 5319
sales@teguar.com.tw