TP-4180-10

10" Eclipse Panel PC



Key Highlights

- Rugged Metal Enclosure
- Up to 16 GB RAM
- Fanless Cooling System
- IP65 Waterproof Front Bezel
- 10-inch Capacitive Touchscreen
- Compact for Installation in Tight Spots

VIEW ONLINE

The TP-4180-10 10" Eclipse Panel PC is Teguar's offering for project managers looking for a simple, small, yet durable panel pc built to last in a manufacturing environment. Though all of Teguar's products are competitively priced, the TP-4180-10 is featured specifically with **low costs** at the forefront. With a small 10-inch screen and a flat IP65 rated bezel, the TP-4180-10 is perfect for installation in cramped areas or for displaying a limited amount of data to employees. The TP-4180-10 features robust processing power for such a small device, and an optional 16 GB of RAM means it's suitable for browser-based connection to cloud based ERP systems or data entry into your manufacturing software platform.

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 Celeron or Core I 6th Generation Skylake
Processor Model	J3455 Quad Core
Processor Speed	1.5 GHz
Memory Type	1x DDR4 SO-DIMM
Memory Support	4GB, 8GB, 16GB
Storage Type	1.8" Half Size MO297 SATA Drive Bay, mSATA
Storage Support	64GB (Standard), up to 256GB (Optional)

Power

Input Voltage Range	12V DC
Standard Power Adapter	AC100V ~ 240V; 50Hz/60Hz output DC 12V/5A, Barrel Connector

Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro
Linux	Linux (Contact your sales rep for more information)

Multimedia

Speakers	2x 1W Speakers

Enclosure

Material	Aluminum
IP Rating	IP65 Front Bezel
Color	Black
Mounting Options	VESA 100 Mount, VESA 75 Mount, Wall Mount

Peripherals & Wireless Connectivity

WiFi	Optional WIFI 802.11(a/b/g/n/ac)
Bluetooth	Optional Bluetooth 4.0

Display

Screen Size	10.1"
Screen Resolution	1280 x 800 (WXGA)
Brightness	300 nits

Touch Screen

Touch Screen	Projected Capacitive

External I/O Ports

USB	4x USB 3.0
Serial / Com	4x COM
Ethernet / LAN	2x RJ45 GbE LAN
Video Outputs	2x DisplayPort
Audio Ports	1x Audio Line-Out
Power Input Port	3.5mm DC-in Jack

Expansion Slots

SD card	1x Micro SD Slot

Thermal & Environmental

Operating Temperature	-10°C ~ 50°C (14°F – 122°F)
Storage Temperature	-30°C ~ 70°C (-22°F – 158°F)
Cooling Solution	Passive – Fanless
Humidity Range	10% – 90% Non-condensing
Storage Humidity	10% – 90% Non-condensing

Weight / Dimensions

Weight	3.6 kg (7.9 lbs)
Dimensions	278 x 184 x 60 mm (10.9 x 7.2 x 2.4 in)

Specifications subject to change.

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

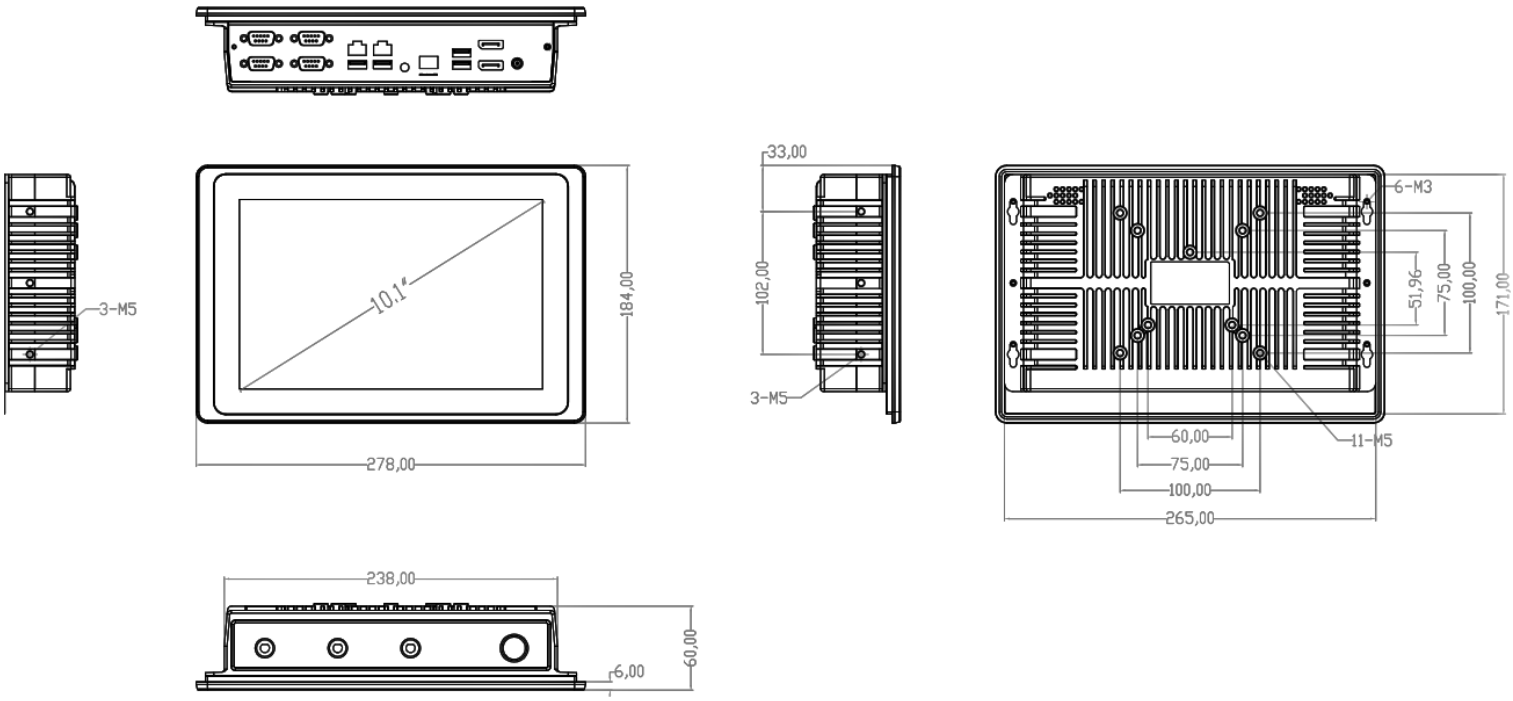


USA
Teguar
2920 Whitehall Park Drive
Charlotte, NC 28273
+1 866-693-3105
sales@teguar.com

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