TEGUAR

TM-5040-16

15.6" Industrial Computer



Key Highlights

- 15.6" True Flat IP65 Protected Touchscreen
- Intel Skylake Celeron/Core i5 CPU
- TPM 2.0, Intel vPro Supported*
- Sleek, Fanless Design
- Rugged Metal Housing

VIEW ONLINE

The TM-5040-16 is an industrial-grade all-in-one PC with a 15.6" widescreen touch display. Running the Skylake Celeron / Core i5 dual-core processor and a fanless cooling system, this unit is ready for reliable use in any industrial environment. The TM-5040-16 has abundant IOs for connectivity to scanners, printers and other devices, optional isolated RS232, LAN and USB is also available. This computer has aluminum housing that is not only durable, but sleek and thin as well, with a width of less than 2 inches (1.89 inches, or 48 millimeters)
*TPM 2.0 and Intel vPro only available with Core i5 CPU

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	Celeron 3955U; Core- i5-6300U
Processor Speed	Base 2.0 GHz
Memory Type	2x DDR4 SO-DIMM
Memory Support	4GB, 8GB, 16GB, 32GB
Storage Type	1x 2.5" SATA Drive Bay for SSD/HDD
Storage Support	32GB-1TB

Power

Input Voltage Range	12-48V DC
Max Power Consumption	80W
Standard Power Adapter	19V AC/DC Adapter included by default, 65W/19V AC/DC Adapter

Operating Systems

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

Compatibility

Security Hardware	TPM 2.0, Intel vPro *Not available with Celeron

Multimedia

Speakers	2x 2W Speakers
Camera	2MP Webcam

Enclosure

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

Certification

Certifications	60601-1 4th Edition, CE, FCC Class B

Warranty

Warranty	Up to 5 Years

Specifications subject to change.

Display

Screen Size	15.6"
Resolution	1366 x 768, Optional 1920 x 1080
Screen Ratio	16:9
Brightness	220 nits

Touch Screen

Touch Screen	Projected Capacitive

External I/O Ports

USB	4x USB 3.0
Serial / Com	2x COM
Serial Protocol Detail	RJ-48, support RS-232
Ethernet / LAN	2x RJ45 GbE LAN
Video Outputs	1x HDMI
Other Ports	Optional Isolated I/O: RS-232, RJ45 LAN, USB
Audio Ports	1x 3.5mm Microphone Jack, 1x Audio Line-Out

Expansion Slots

Internal M.2	1x M.2 Slot half-size Type E

Thermal & Environmental

Operating Temperature	0°C - 40°C (32°F – 104°F)
Storage Temperature	-20°C - 60°C (-4°F – 140°F)
Cooling Solution	Passive – Fanless
Humidity Range	20% – 85% Non-condensing

Peripherals & Wireless Connectivity

WiFi	Optional 802.11 b/g/n WLAN card and Bluetooth 4.0

Weight / Dimensions

Weight	4.5 kg (9.9 lbs)
Dimensions	396 x 48 x 245 mm (15.6 x 1.9 x 9.6 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

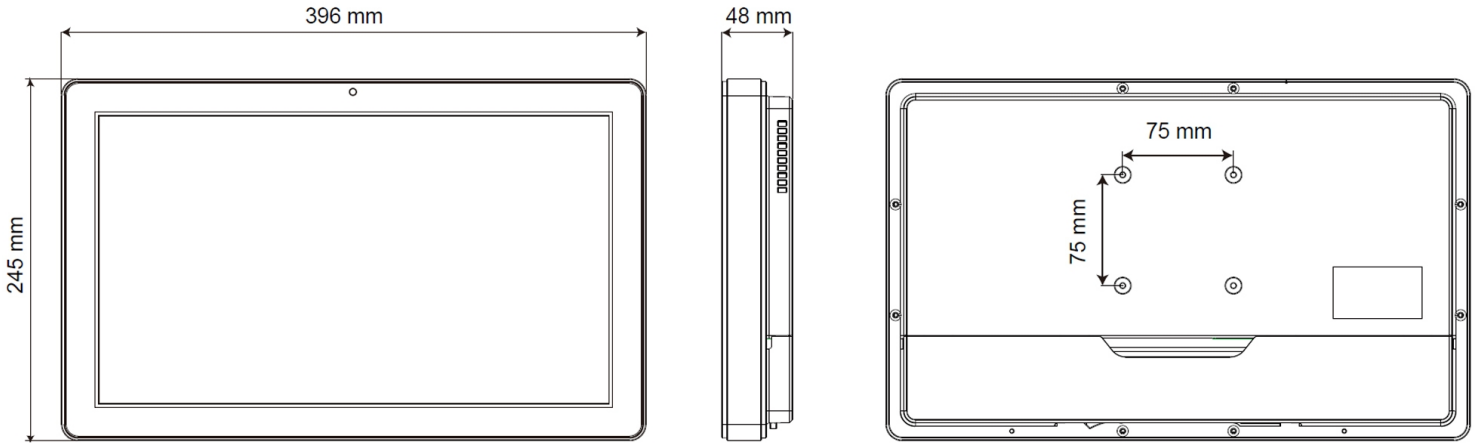


USA
Teguar
2920 Whitehall Park Drive
Charlotte, NC 28273
+1 866-693-3105
sales@teguar.com

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