TEGUAR

TP-4840-10

10.1" All-In-One PC



Key Highlights

- 10.1" Full Flat IP65 Protected Touchscreen
- Intel Elkhart Lake 10th Gen Celeron J6412 Quad core CPU
- Windows 11 Capabilities
- Projected Capacitive Multi-Touch Touchscreen
- Multiple I/Os including 2x USB 3.0, 4x USB 2.0, 1x USB-C, 3x COM, 1X LAN

VIEW ONLINE

The TP-4840-10 Industrial All-in-One PC runs on an Elkhart Lake Quad Core CPU and has up to 8GB RAM. This industrial computer has a 10.1" PCap touchscreen. The computer has an IP65 rating with an aluminum die cast housing, making this computer ideal for industrial environments. This unit also has multiple I/Os and M.2 SSD with an easily swappable storage bay located on the back of the PC. The smaller screen size and great processing power works well for applications such as a time clock check in station, or to signal and program facility use with meeting room software.

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Technical Specifications

Primary Components

Processor Family	Intel Celeron Elkhart Lake
Processor Model	Celeron J6412 Quad
Processor Speed	2.0 GHz, 2.6 GHz
Memory Type	1x DDR4 SO-DIMM
Memory Support	4GB, 8GB, 16GB
Storage Type	1x M.2 slot for SSD
Storage Support	M.2: 64GB-1TB

External I/O Ports

USB	1x USB 3.0, 1x USB 3.0 type C, 3x USB 2.0
Serial / Com	3x COM
Serial Protocol Detail	RJ-48 plug with adapter to DB-9, RS-232 protocol, with configurable power to Pin-9
Ethernet / LAN	1x RJ45 GbE LAN
Power Input Port	4-Pole DIN (latching)

Expansion Slots

Internal M.2	1x M.2
Video Card Support	Intel HD Graphics

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	25% – 85% Non-condensing

Peripherals & Wireless Connectivity

WiFi	Optional WiFi 6E
Bluetooth	Optional Bluetooth 5.3
Barcode Scanner	Optional 1D/2D Barcode Scanner
RFID	Optional RFID Module

Warranty

Warranty	Up to 5 Years

Display

Screen Size	10.1"
Screen Resolution	1920 x 1200 (WUXGA)
Screen Ratio	16:10
Brightness	200 nits

Touch Screen

Touch Screen	Projected Capacitive
Hardness	> 6H

Power

Input Voltage Range	19V DC
Standard Power Adapter	Included 65W AC/DC Adpater

Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro, Windows 11 IoT, Windows 11 Pro
Linux	Linux (Contact your sales rep for more information)

Multimedia

Speakers	2x 2W Speakers
Camera	2MP Webcam

Enclosure

Material	Aluminum
IP Rating	IP65 Front Bezel
Color	Black
Mounting Options	VESA 75 Mount
Approved Cleaning Solutions	3M HB Quat, Acetone, Actichlor, Alcohol, Ammonium Nitrate (low concentration), Antigone, Betasept, Bleach, Caviwipes, Chloride, CIDEX, Control III Disinfectant Germicide, Dispatch Disinfectant Cleaner CLH69101, Incidin, Isopropyl Alcohol, LpH se, MikroBac, Mikrozid, Peridox, Puregreen 24 Disinfectant, SDW 70C, Sodium Hypochlorite, SporeClear, Trigene, Viraguard, Virkon, Windex

Weight / Dimensions

Weight	1.5 kg (3.3 lbs)
Dimensions	263 x 38 x 170 mm (10.4 x 1.5 x 6.7 in)

Certification

Certifications	CE, FCC Class A, LVD

Specifications subject to change.

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I/O Diagram Images

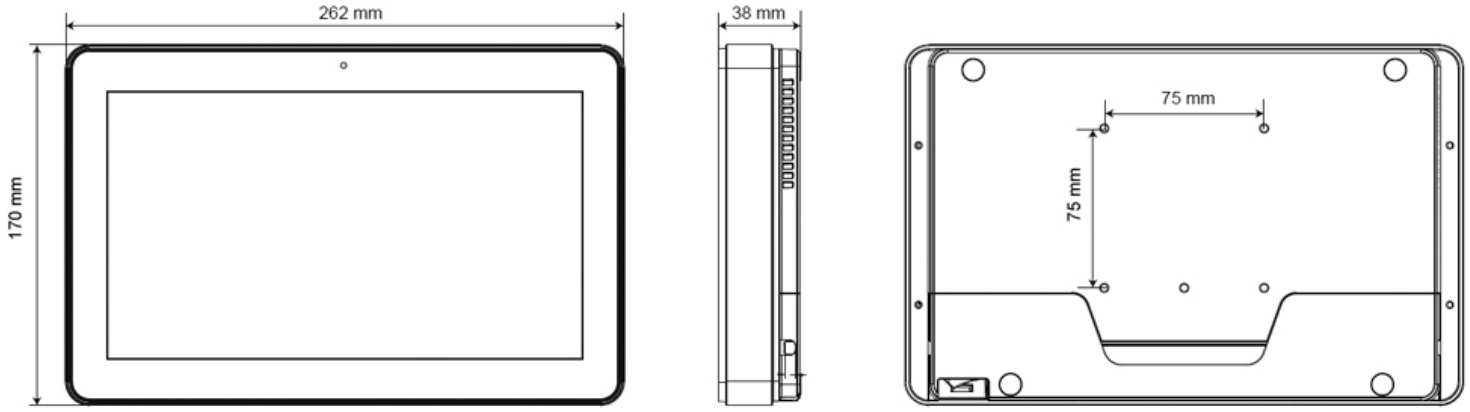


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Tech Diagram Images



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