TEGUAR

TA-4840-22

22" Fanless All In One PC



Key Highlights

- 21.5" Full HD Display with PCAP Touchscreen
- Intel Celeron J6412 Quad-Core CPU
- Various Mounting Stands
- Modular Design with Removable Box PC
- Customizable and Expandable

VIEW ONLINE

The TA-4840-22 is a modular and customizable computer with a 21.5" full HD touchscreen that is suitable for kiosk and light-industrial applications. It has a removable box PC and can support optional peripherals on all four sides, including a 3-track MSR Fingerprint Reader, RFID Reader, Verifone VX820, 2D Barcode Scanner, and 5MP Camera. It runs on an Intel Celeron J6412 Quad-Core CPU and is compatible with Windows 11 Operating System. The desktop stand even has a printer bay to securely hold an EPSON thermal printer.

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Technical Specifications

Primary Components

Processor Family	Intel Celeron Elkhart Lake
Processor Model	Celeron J6412
Memory Type	1x DDR4 SO-DIMM
Memory Support	4GB, 8GB, 16GB
Storage Type	1x M.2 slot for SSD
Storage Support	M.2: 128GB-1TB

Power

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

Operating Systems

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

Compatibility

Security Hardware	fTPM 2.0

Multimedia

Speakers	1x 3W Speaker
Camera	Optional Webcam

Enclosure

Material	Plastic
IP Rating	IP54 Front Bezel
Color	Black
Mounting Options	VESA 100 Mount, VESA 75 Mount

Weight / Dimensions

Weight	5.4 kg (11.9 lbs)
Dimensions	519 x 311 x 49 mm (20.4 x 12.2 x 1.9 in)

Certification

Certifications	CE, FCC

Specifications subject to change.

Display

Screen Size	21.5"
Screen Ratio	16:9
Brightness	300 nits

Touch Screen

Touch Screen	Projected Capacitive (Multi-touch)

External I/O Ports

USB	2x USB 2.0, 2x USB 3.0, 2x USB Type C (Data only)
Serial / Com	2x COM
Serial Protocol Detail	x2 RS-232 DB-9
Ethernet / LAN	1x RJ45 GbE LAN
Other Ports	Custom connector for External Monitor
Power Input Port	4-Pole DIN (latching)

Expansion Slots

Internal M.2	1x M.2 2230 Key E (for WiFi expansion option)
Expansion Module support	4 USB based expansion areas on Bezel

Thermal & Environmental

Operating Temperature	0°C - 35°C (32°F – 95°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 through M.2 interface
Bluetooth	Optional Bluetooth 5.1
Barcode Scanner	Optional 1D/2D Barcode Scanner
RFID	Optional 13.56 NFC External Module
Peripheral Other	Contact Teguar is you have a customized external Module request

Warranty

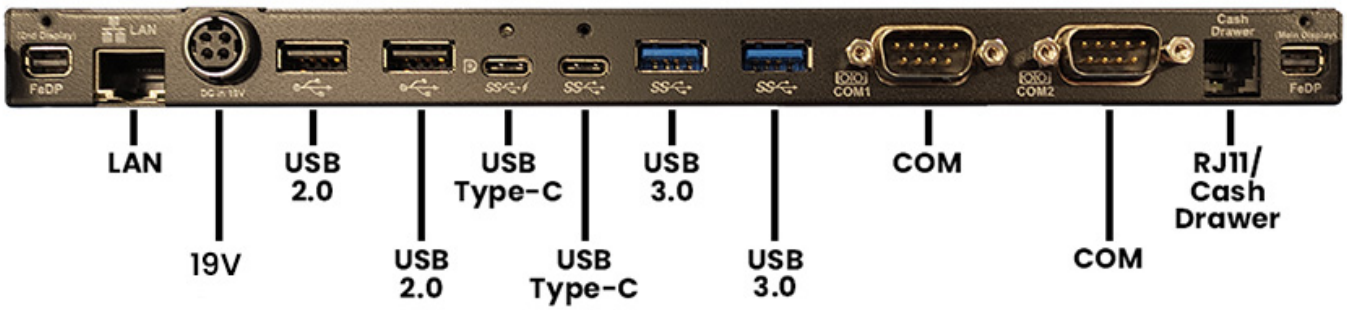
Warranty	Up to 5 Years

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I/O Diagram Images

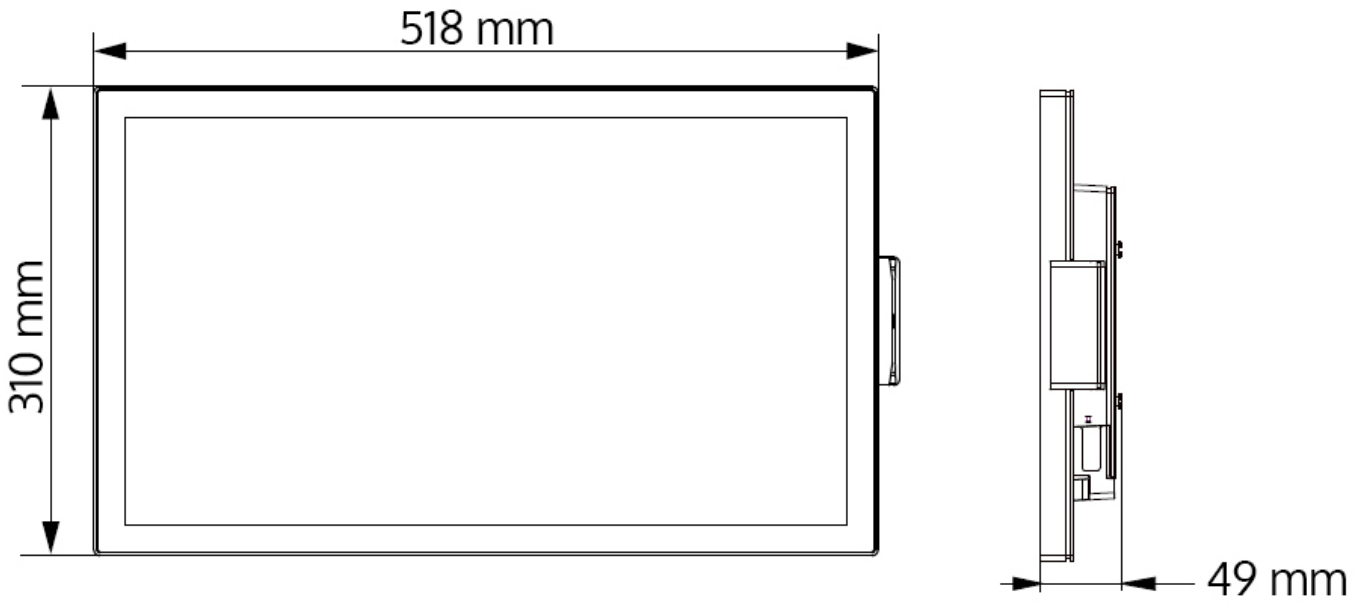


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Tech Diagram Images



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