TEGUAR

TP-4840-22

21.5" Industrial Computer



Key Highlights

- 21.5" Protected Capacitive Touchscreen
- Intel Elkhart Lake 10th Gen Celeron J6412 Quad core CPU
- Optional Built-in 2MP Webcam
- Durable Aluminum Die-Cast Housing
- Fanless with Low Power Consumption
- Multiple I/Os including 6x USB ports total, 1x LAN & more

VIEW ONLINE

The 22" Industrial All-In-One PC runs on a Elkhart Lake Quad Core CPU with Windows 11 capabilities. The front bezel is IP65 rated, which protects the unit from dust and water. This rugged computer has aluminum die cast housing and a fanless operation. This industrial panel pc is ideal for commercial use with its progressive design and industrial grade components. The strong processor allows for many programs to run simultaneously with Linux OS or 64 bit Windows OS installed.

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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

Power

Input Voltage Range	19.5V DC
Max Power Consumption	65W
Standard Power Adapter	90W, 19.5V Power Adapter Included

Operating Systems

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

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

Certification

Certifications	CE, FCC Class B, LVD

Display

Screen Size	21.5"
Screen Resolution	1920 x 1080 (Full HD)
Screen Ratio	16:9
Brightness	250 nits

Touch Screen

Touch Screen	Projected Capacitive

External I/O Ports

USB	1x USB 2.0 type C (data only), 1x USB 3.0 type C (data only), 2x USB 2.0, 2x USB 3.0
Serial / Com	2x COM
Serial Protocol Detail	DB-9 interface, RS-232 protocol, with configurable power to Pin-9
Ethernet / LAN	1x RJ45 GbE LAN
Power Input Port	4-Pole DIN (latching)

Compatibility

Security Hardware	TPM 2.0

Multimedia

Speakers	2x 2W Speakers
Camera	Optional 2MP Webcam

Enclosure

Material	Aluminum
IP Rating	IP65 Front Bezel
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	8 kg (17.6 lbs)
Dimensions	536 x 48 x 328 mm (21.1 x 1.9 x 12.9 in)

Warranty

Warranty	Up to 5 Years

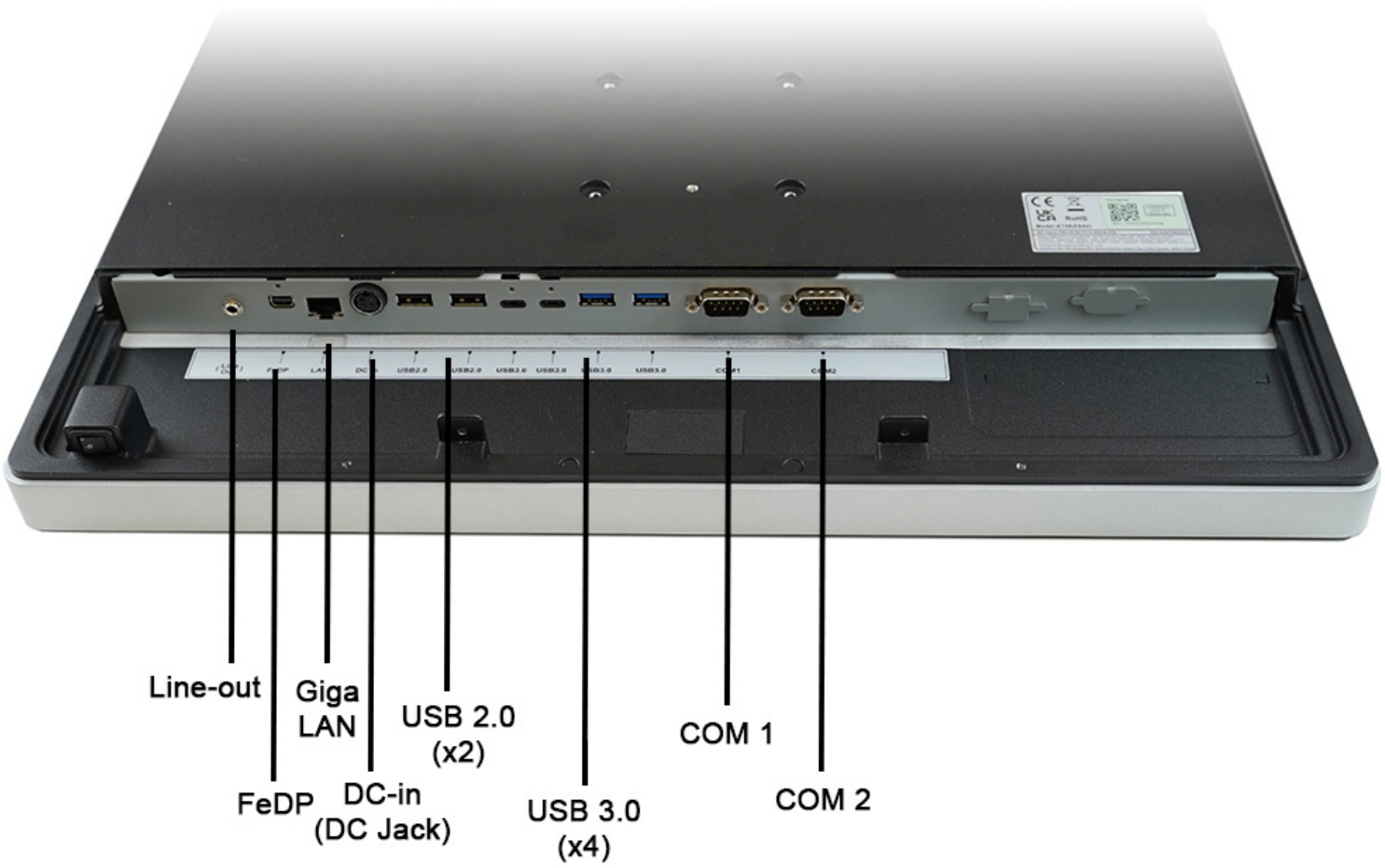
Specifications subject to change.

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I/O Diagram Images

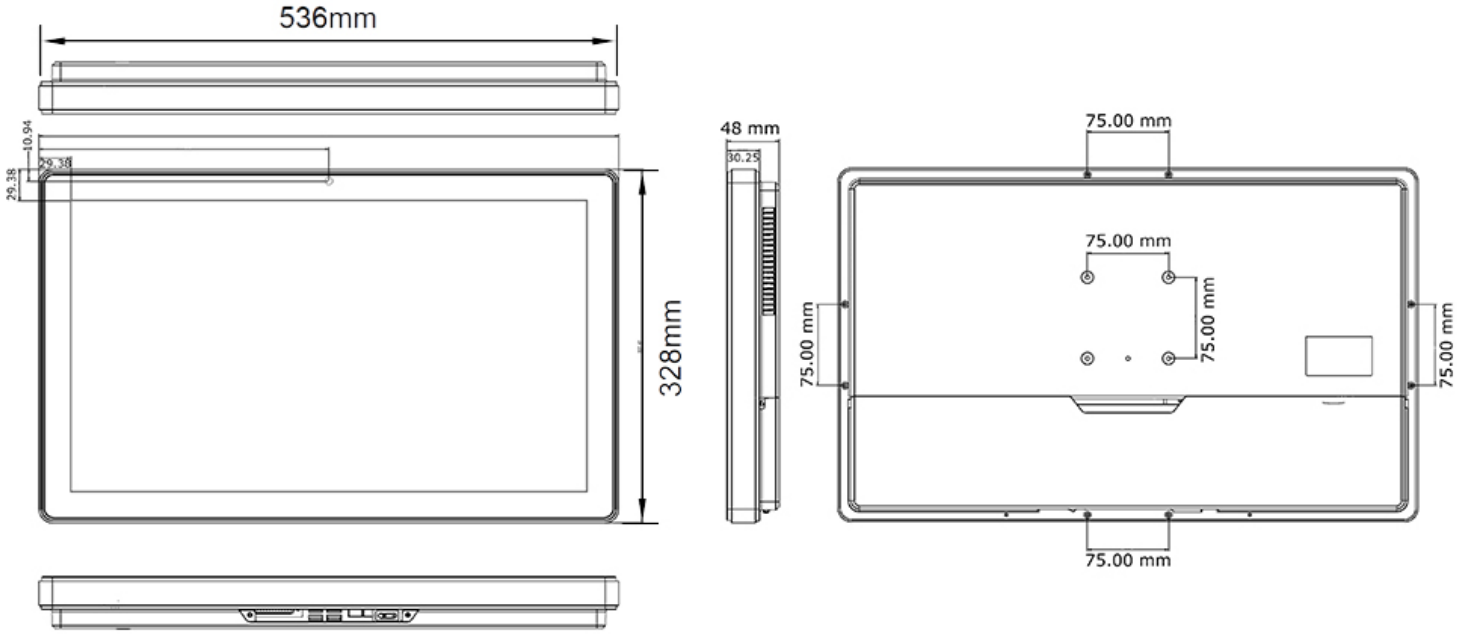


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Tech Diagram Images



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