

# TP-4040-22

## 22" Industrial All-in-One 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 2x USB 2.0, 1x USB Type C, 1x LAN & more

[VIEW ONLINE](#)

This touch panel pc is ideal to use as the HMI (Human Machine Interface) where constant use and touch screen interaction is required with quick processing. Point of sale payment modules are available for large orders, as are custom configurations to meet your needs. The TP-4040-22 has a fanless design, highly durable housing, and over fifteen I/Os, and it is available at an economic price point. This industrial panel pc is ideal for commercial use with its progressive design and industrial grade components. The Bay Trail J1900 CPU allows for many programs to run simultaneously with Linux OS or up to 64 bit Windows OS installed. An easy access HDD bay provides protection for data back-up to safeguard your information. **This product is now considered "Previous Generation" meaning it may or may not still be available for purchase. Call +1 800 870 7715 for details on this product or check out our full list of [currently available Panel PCs](#).**

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# Technical Specifications

## Primary Components

Processor Family	Intel Celeron Bay Trail
Processor Model	J1900 Quad Core
Processor Speed	2.0 GHz, 2.4 GHz
Memory Type	1x DDR3 SO-DIMM
Memory Support	2GB, 4GB, 8GB
Storage Type	1x 2.5" SATA Drive Bay for SSD/HDD
Storage Support	32GB-1TB

## Power

Input Voltage Range	12-48V DC
Standard Power Adapter	90W, 19V Power Adapter Included

## Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro, Windows 7 Pro
Linux	Linux

## Compatibility

Security Hardware	TPM 2.0
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## Multimedia

Speakers	1x 2W Speaker
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
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## 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
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Specifications subject to change.

## 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
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## External I/O Ports

USB	1x USB 3.0, 4x USB 2.0
Serial / Com	4x COM
Serial Protocol Detail	4x RJ-48
Ethernet / LAN	2x RJ45 GbE LAN
Video Outputs	1x VGA
Audio Ports	1x Audio Line-Out
Power Input Port	4-Pole DIN (latching)

## Expansion Slots

Video Card Support	Intel HD Graphics
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## 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	802.11 b/g/n WLAN card
Bluetooth	Bluetooth 4.0

## Certification

Certifications	CE, FCC Class B, LVD
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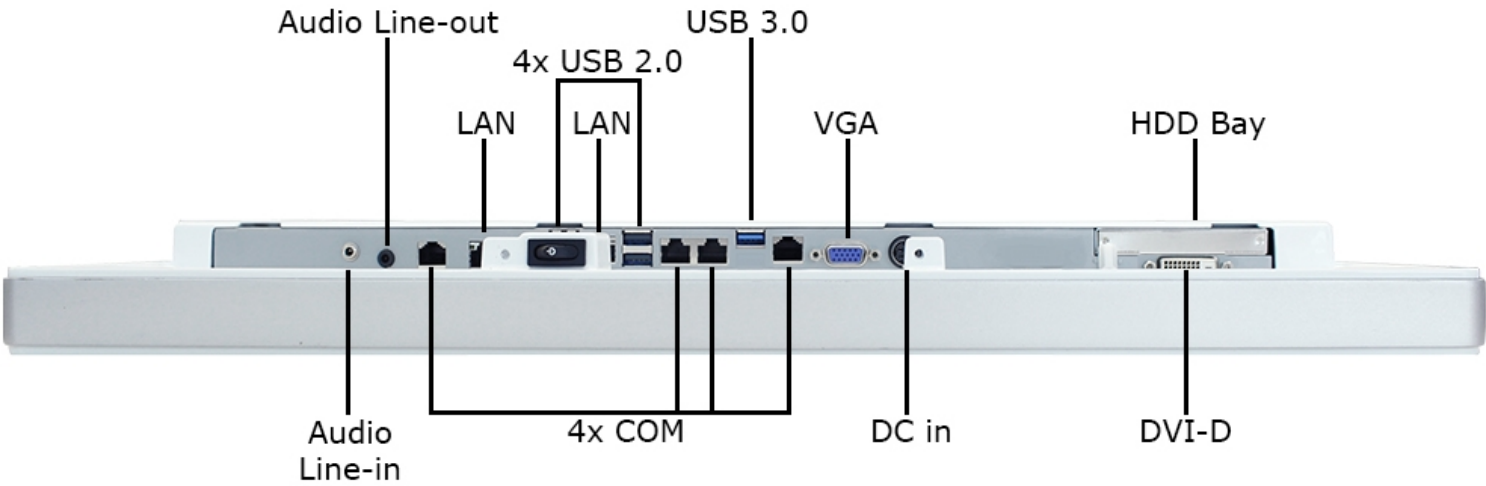
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# I/O Diagram Images



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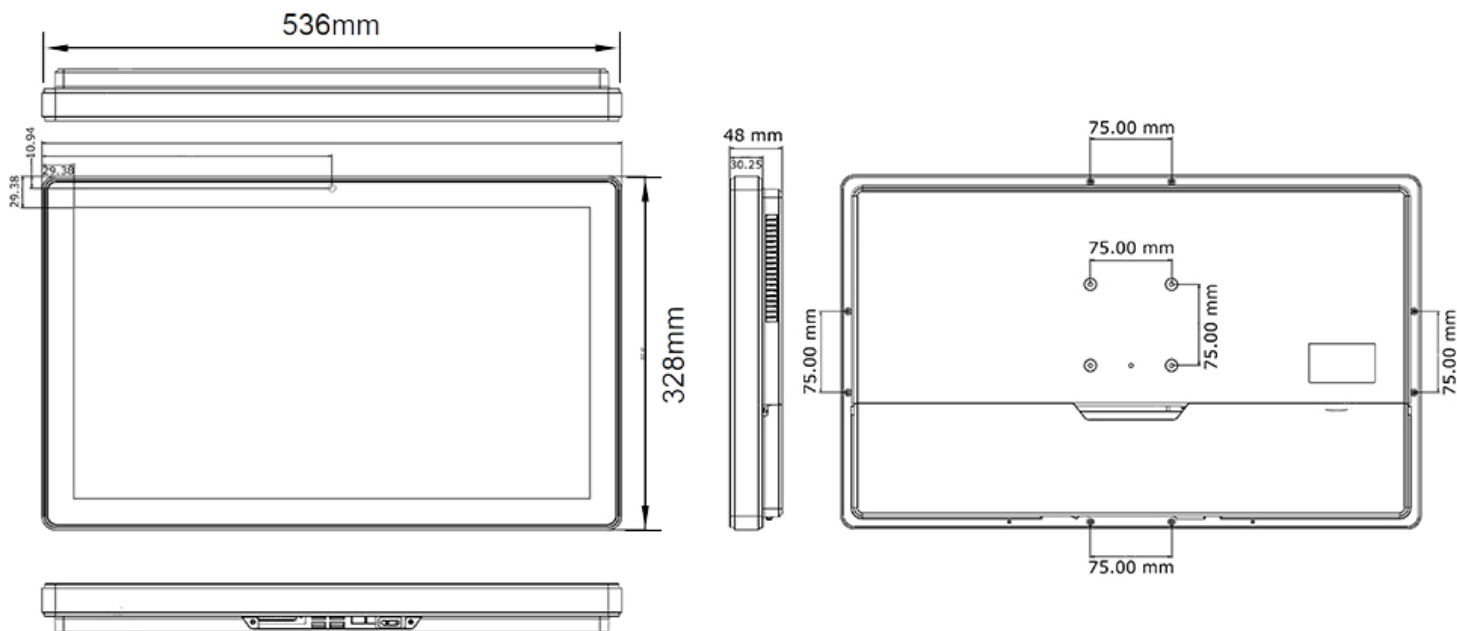
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# Tech Diagram Images



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