TEGUAR

TP-4680-10

10" Mini Touch Screen Computer



Key Highlights

- Intel Jasper Lake Celeron N5100 processor
- Windows 11 capability
- Amazing speed at a value price, a Passmark rating of over 3300
- Wi-Fi and Bluetooth connectivity
- Flush mountable with IP65 front bezel
- Project capacitive 10" touch screen

VIEW ONLINE

The TP-4680-10 10" Mini Touch Screen Computer is the perfect solution for high speed, low-power computing on a budget. The Intel® 11th Generation Celeron processor supports the latest Windows 11 and even machine vision tasks. Its die-cast aluminum build and IP65 front bezel ensure reliability even in dusty and dirty industrial environments. We'll include the panel mount hardware for you, so the fully flush panel design can be seamlessly laid into a wall and operated with the 10" PCAP touch screen. With Wi-Fi and Bluetooth capabilities, this Mini Touch Screen Computer will stay connected. Implement it for employees as a work kiosk or use it to display information seamlessly panel mounted in the wall.

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Technical Specifications

Primary Components

Processor Family	Intel Jasper Lake Quad-Core
Processor Model	Celeron N5100
Processor Speed	1.1 GHz, Up to 2.8 GHz
Memory Type	Onboard LPDDR4
Memory Support	8GB
Storage Type	1x M.2 SATA3 2280 Slot
Storage Support	M.2: 128GB-1TB

Power

Input Voltage Range	12V DC
Max Power Consumption	48W
Standard Power Adapter	12 Vdc, 4 A, US power cord

Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro, Windows 11 IoT, Windows 11 Pro

Thermal & Environmental

Operating Temperature	-20°C - 60°C (-4°F – 140°F)
Storage Temperature	-30°C - 70°C (-22°F – 158°F)
Cooling Solution	Passive – Fanless with Heatsink
Humidity Range	95% Non-condensing

Peripherals & Wireless Connectivity

WiFi	Built-in Wi-Fi 5, 802.11 a/b/g/n/ac
Bluetooth	Bluetooth 5.0

Weight / Dimensions

Weight	1.2 kg (2.6 lbs)
Dimensions	257.2 x 45.95 x 170 mm (10.1 x 1.8 x 6.7 in)

Specifications subject to change.

Display

Screen Size	10.1"
Screen Resolution	1280 x 800 (WXGA)
Screen Ratio	16:10
Brightness	700 nits

Touch Screen

Touch Screen	Projected Capacitive (Multi-touch)

External I/O Ports

USB	2x USB 2.0, 2x USB 3.0
Serial / Com	2x COM
Serial Protocol Detail	RS-232
Ethernet / LAN	2x RJ45 GbE LAN
Video Outputs	1x HDMI
Audio Ports	1x 3.5mm Audio Line-In, 1x 3.5mm Audio Line-Out
Power Input Port	5.0mm DC-in Jack

Enclosure

Material	Aluminum
IP Rating	IP65 Front Bezel
Color	Black
Led Indicator Light	Power
Control Buttons	Power Button
Shock Rating	MIL-STD-810H
Mounting Options	Panel Mount, VESA 100 Mount, VESA 75 Mount

Warranty

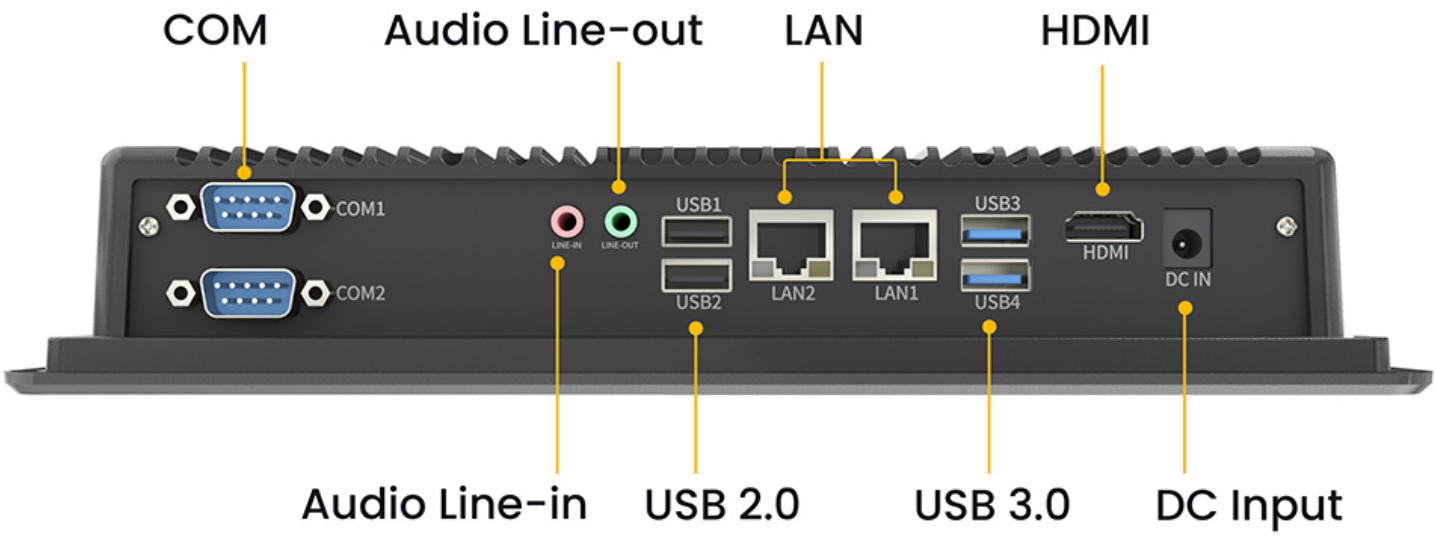
Warranty	Up to 5 Years

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I/O Diagram Images

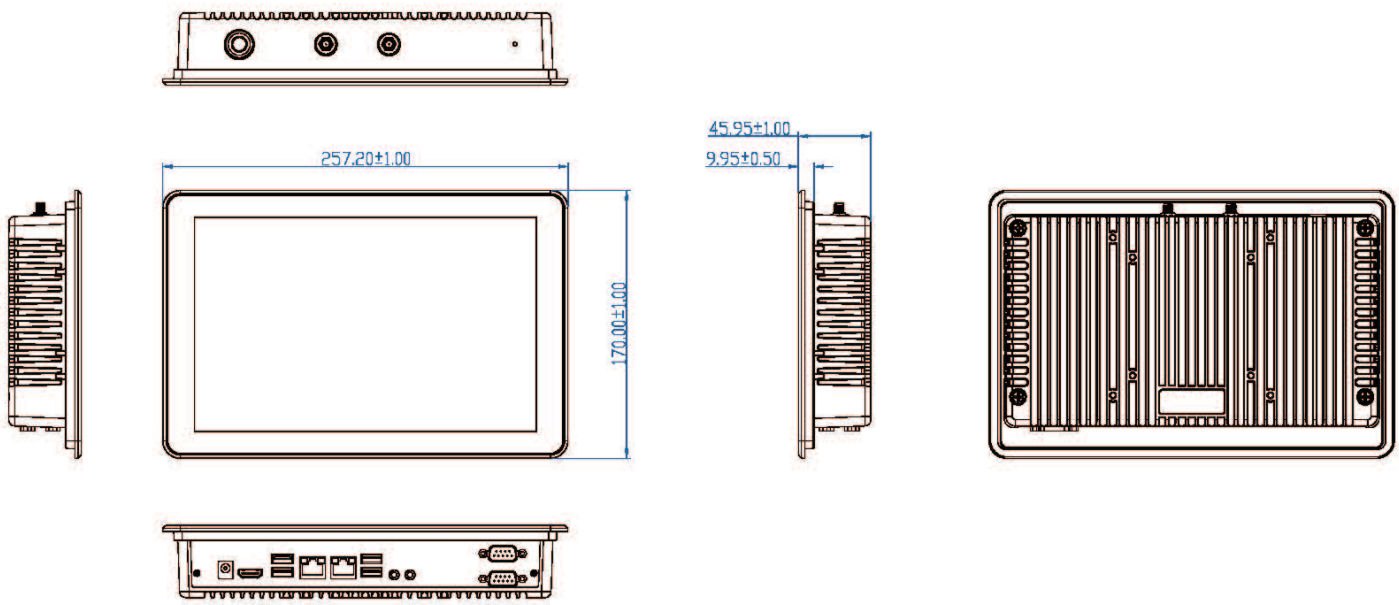


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Tech Diagram Images



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