TEGUAR

TP-3493-15

15" Eclipse Panel PC



Key Highlights

- Full Metal Construction
- Intel Celeron Apollo Lake Processor
- 64GB – 1TB Storage Available
- Projected Capacitive Touchscreen
- IP65 Rated Front Bezel
- Fanless Cooling System

VIEW ONLINE

This 15" **low-cost** panel PC is Teguar's offering for project managers who need a mid-sized industrial pc but don't have the budget for full-priced solutions. With a steel chassis and IP65 rated waterproof front bezel, this rugged computer is built to withstand the rigors of an industrial environment, operating without issue in temperatures as low as -20°C and as high as 60°C. Up to 8 GB of RAM and an Intel Celeron Apollo Lake processor make the TP-3493-15 suitable for simple tasks such as browser-based connection to cloud-based ERP system or data entry into your manufacturing software platform, and an internal expansion slot makes adding optional WiFi functionality a breeze. >> Read an independent review of the TP-3493-15 on ruggedpcreview.com

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Technical Specifications

Primary Components

Processor Family	Intel Celeron Apollo Lake
Processor Model	N4200
Processor Speed	1.10 GHz
Memory Type	2x DDR3L SO-DIMM
Memory Support	4GB, 8GB
Storage Type	1x 2.5" SATA Drive Bay for SSD/HDD, 1x M.2 SATA3 2280 Slot
Storage Support	64GB-512GB

External I/O Ports

USB	4x USB 3.0
Serial / Com	2x COM
Ethernet / LAN	2x RJ45 GbE LAN
Video Outputs	1x DisplayPort, 1x HDMI
Other Ports	1x 8-bit GPIO Terminal Block
Audio Ports	1x Audio Line-Out, 1x Mic-In
Power Input Port	3-Pin DC-In (Phoenix Type), 3.5mm DC-in Jack

Thermal & Environmental

Operating Temperature	-20°C - 60°C (-4°F – 140°F)
Storage Temperature	-20°C - 70°C (-4°F – 158°F)
Cooling Solution	Passive – Fanless
Humidity Range	10% – 90% Non-condensing
Storage Humidity	10% – 90% Non-condensing

Peripherals & Wireless Connectivity

WiFi	Optional

Weight / Dimensions

Weight	4.3 kg (9.5 lbs)
Dimensions	283 x 360 x 67 mm (11.1 x 14.2 x 2.6 in)

Display

Screen Size	15"
Screen Resolution	1024 x 768 (XGA)
Screen Ratio	4:3
Brightness	300 nits

Touch Screen

Touch Screen	Projected Capacitive (Multi-touch)
Hardness	7H

Power

Input Voltage Range	8-24V DC
Standard Power Adapter	AC/DC adapter included

Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro

Expansion Slots

Internal M.2	1x M.2 Type B, 1x M.2 Type E

Multimedia

Speakers	2x 2W Speakers

Enclosure

Material	Aluminum
IP Rating	IP65 Front Bezel
Color	Black
Led Indicator Light	Power
Control Buttons	Power Button, Power Reset
Shock Rating	10g for 11ms
Mounting Options	Panel Mount, VESA 100 Mount

Certification

Certifications	CE, FCC Class B, IEC 60068-2-27 for Vibration / Shock

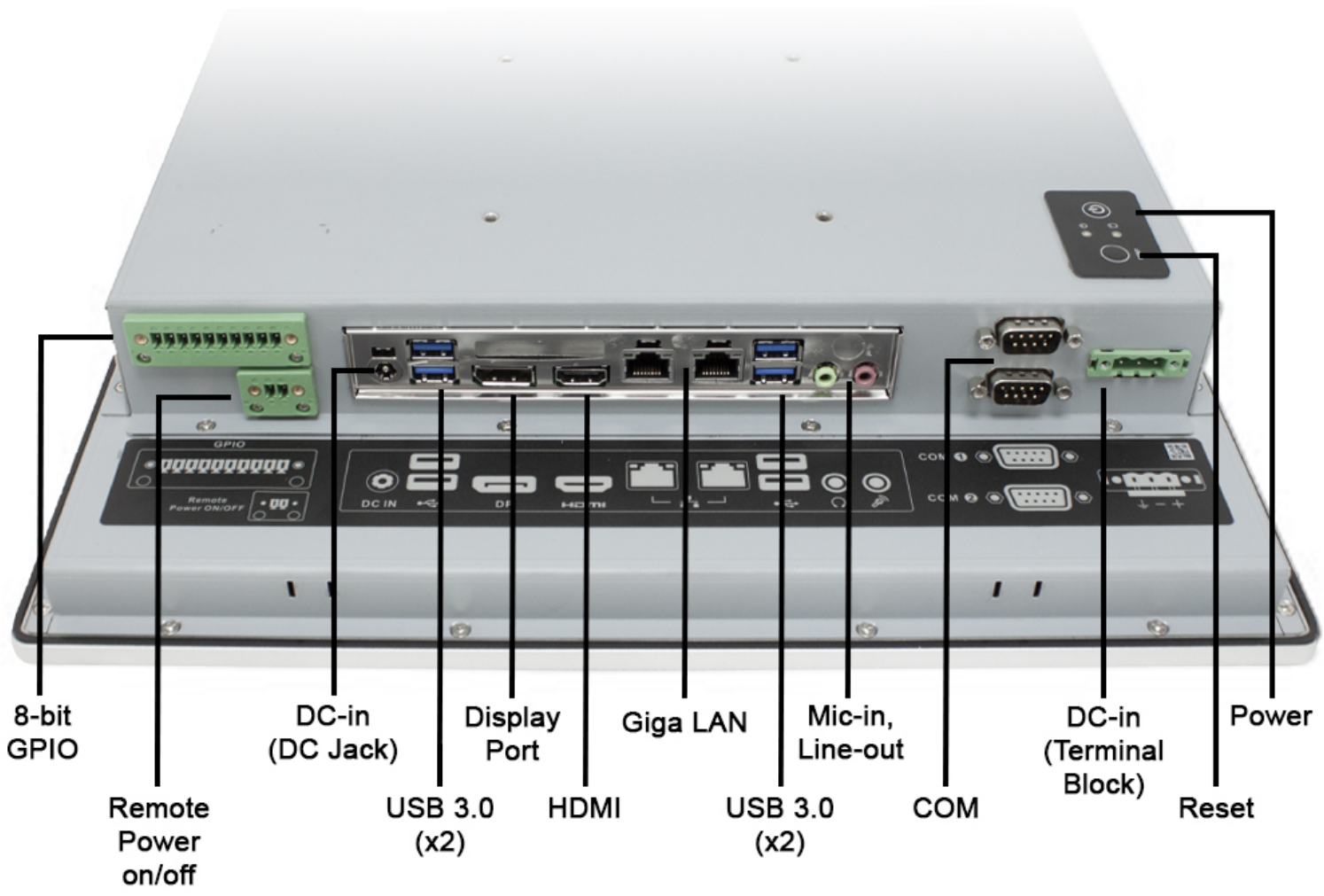
Specifications subject to change.

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I/O Diagram Images

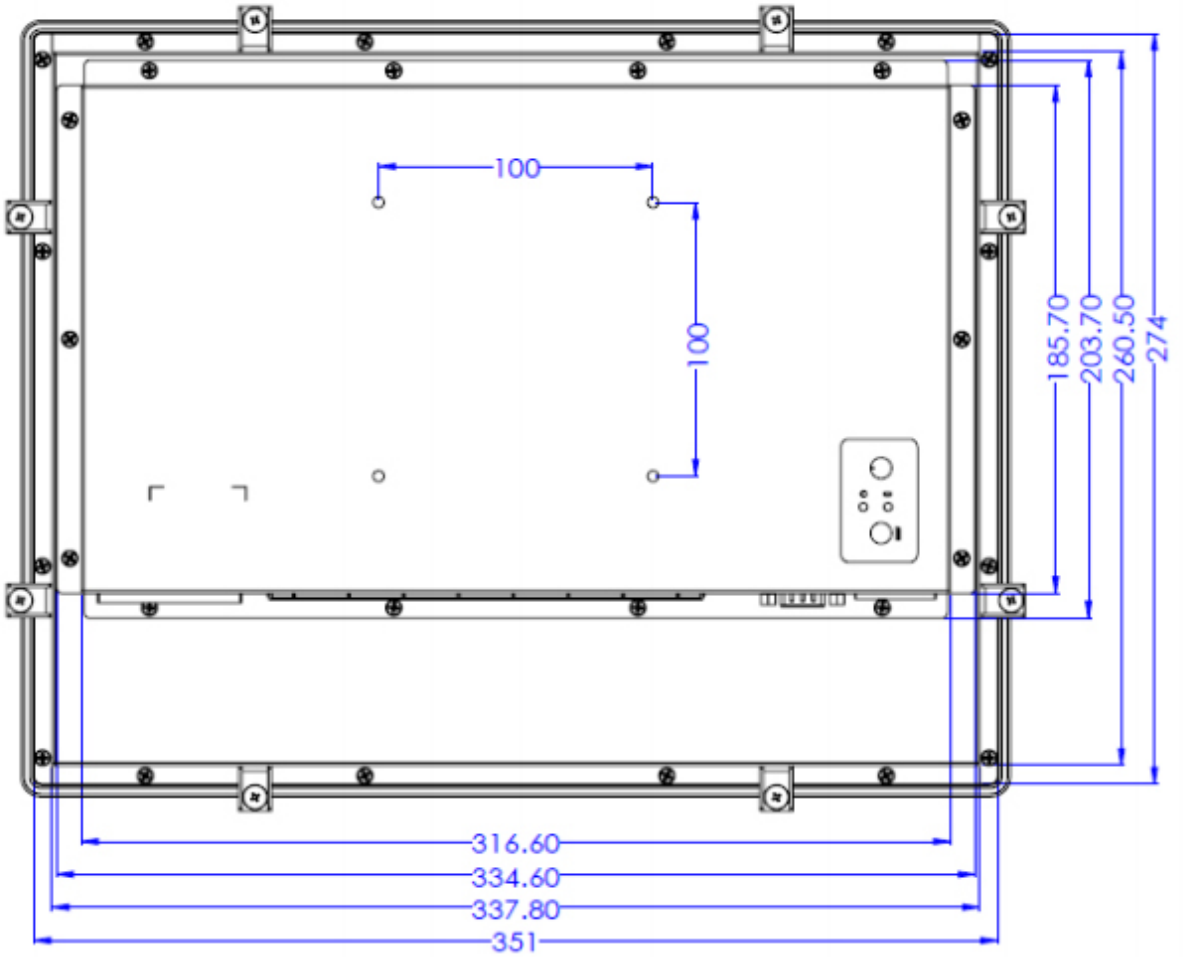


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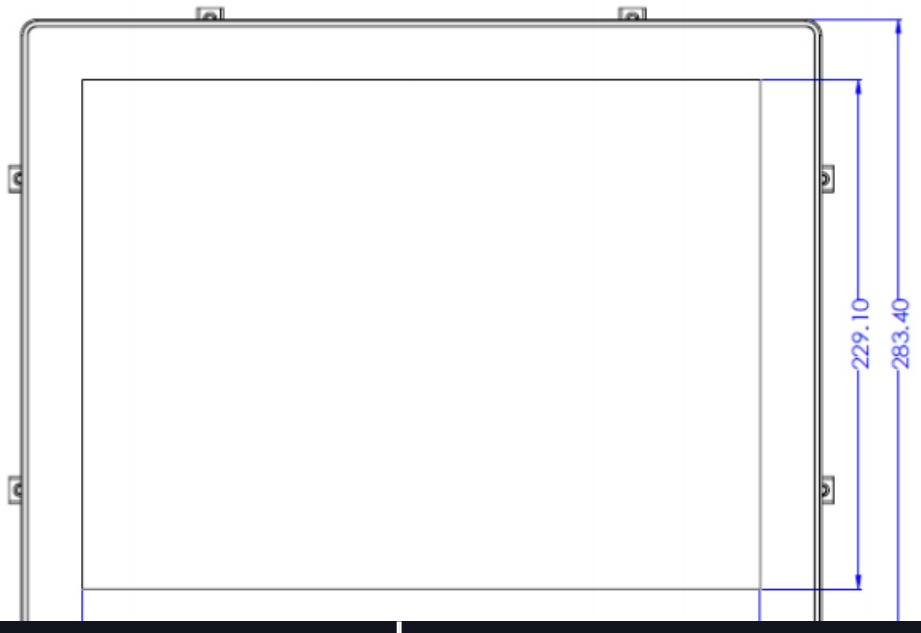
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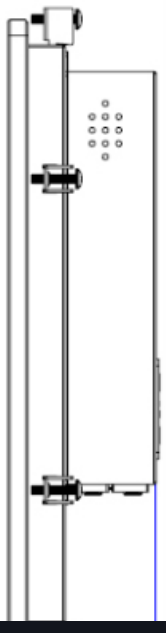
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Tech Diagram Images



Suggested Cut Out Dimension: 338mm x 261mm





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