TEGUAR

TP-3485-15

15" All-in-One Industrial PC



Key Highlights

- 15" LCD with Resistive or Capacitive Touchscreen
- Intel Apollo Lake Pentium N4200 Quad Core CPU
- Optional Backup Battery for up to 1.5 Hours
- IP65 Full Flat Front Panel
- Fanless and Ultra Slim Design
- Integrated WiFi + Bluetooth with Internal Antennas

VIEW ONLINE

The TP-3485-15 Industrial Computer was built to last in harsh settings such as factory floors, production areas or dusty manufacturing environments. The 15" high resolution touchscreen is available with P-cap or resistive touch and the front side of this PC is IP65 rated. The fanless design protects the system's internal parts from dust and other airborne particles. The TP-3485-15 can be mounted to your OEM machine via its VESA mounting holes, or placed virtually anywhere on your production floor. In the case of an unexpected power outage, this PC has an optional internal backup battery that lasts up to 1.5 hours, so you'll have time to back up important data. The backup battery can also be utilized when moving the computer between power supplies around your facility. The TP-3485-15 is one of the most versitile, cost-effective and reliable industrial computing solutions available today.

Read the Product Review from RuggedPCReview >

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Technical Specifications

Primary Components

Processor Family	Intel Pentium Apollo Lake
Processor Model	N4200
Processor Speed	1.10 GHz
Memory Type	1x DDR3L SO-DIMM
Memory Support	2GB, 4GB, 8GB
Storage Type	1x 2.5" SATA Drive Bay for SSD/HDD, M.2
Storage Support	32GB-1TB

Power

Standard Power Adapter	100~240VAC, Output 9V @ 4.73A

Battery

Battery Type	Optional Internal Battery
Battery Operating Time	1.5hrs

Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro

Expansion Slots

Video Card Support	Intel HD Graphics 505

Thermal & Environmental

Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Cooling Solution	Passive – Fanless
Humidity Range	20% – 90% Non-condensing

Weight / Dimensions

Weight	3 kg (6.6 lbs)
Dimensions	359.5 x 291.5 x 37.6 mm (14.2 x 11.5 x 1.5 in)

Warranty

Warranty	Up to 5 Years

Specifications subject to change.

Display

Screen Size	15"
Screen Resolution	1024 x 768 (XGA)
Screen Ratio	4:3
Brightness	350 nits

Touch Screen

Touch Screen	Projected Capacitive, Resistive

External I/O Ports

USB	2x USB 2.0, 4x USB 3.0
Serial / Com	3x COM
Serial Protocol Detail	2x RS-232/422/485 (Configurable in BIOS), 1x RS232
Ethernet / LAN	2x RJ45 GbE LAN
Video Outputs	1x DisplayPort, 1x Optional VGA
Audio Ports	1x Audio Line-In, 1x Audio Line-Out
Power Input Port	Locking Type

Multimedia

Speakers	2x 2W Speakers

Enclosure

Material	Steel
IP Rating	IP65 Front Bezel
Color	Black
Mounting Options	VESA 100 Mount, VESA 75 Mount

Certification

Certifications	CE, FCC, IEC 60950-1, VCCI Class B

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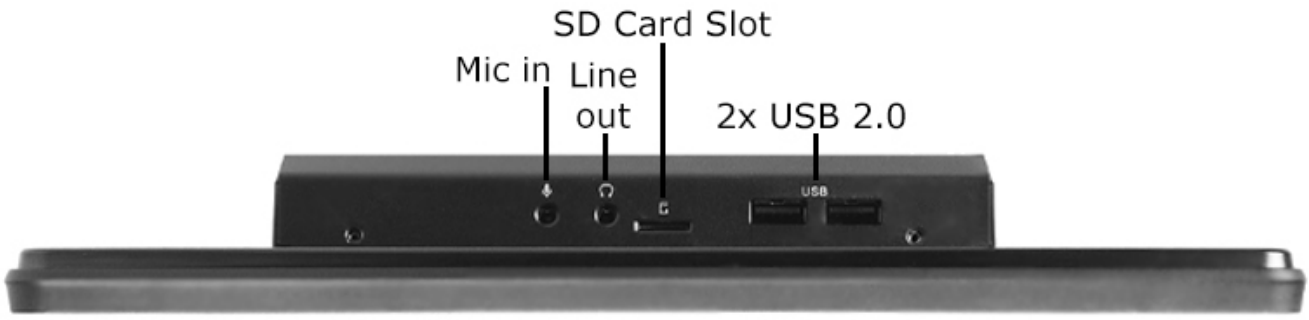
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I/O Diagram Images



Bottom



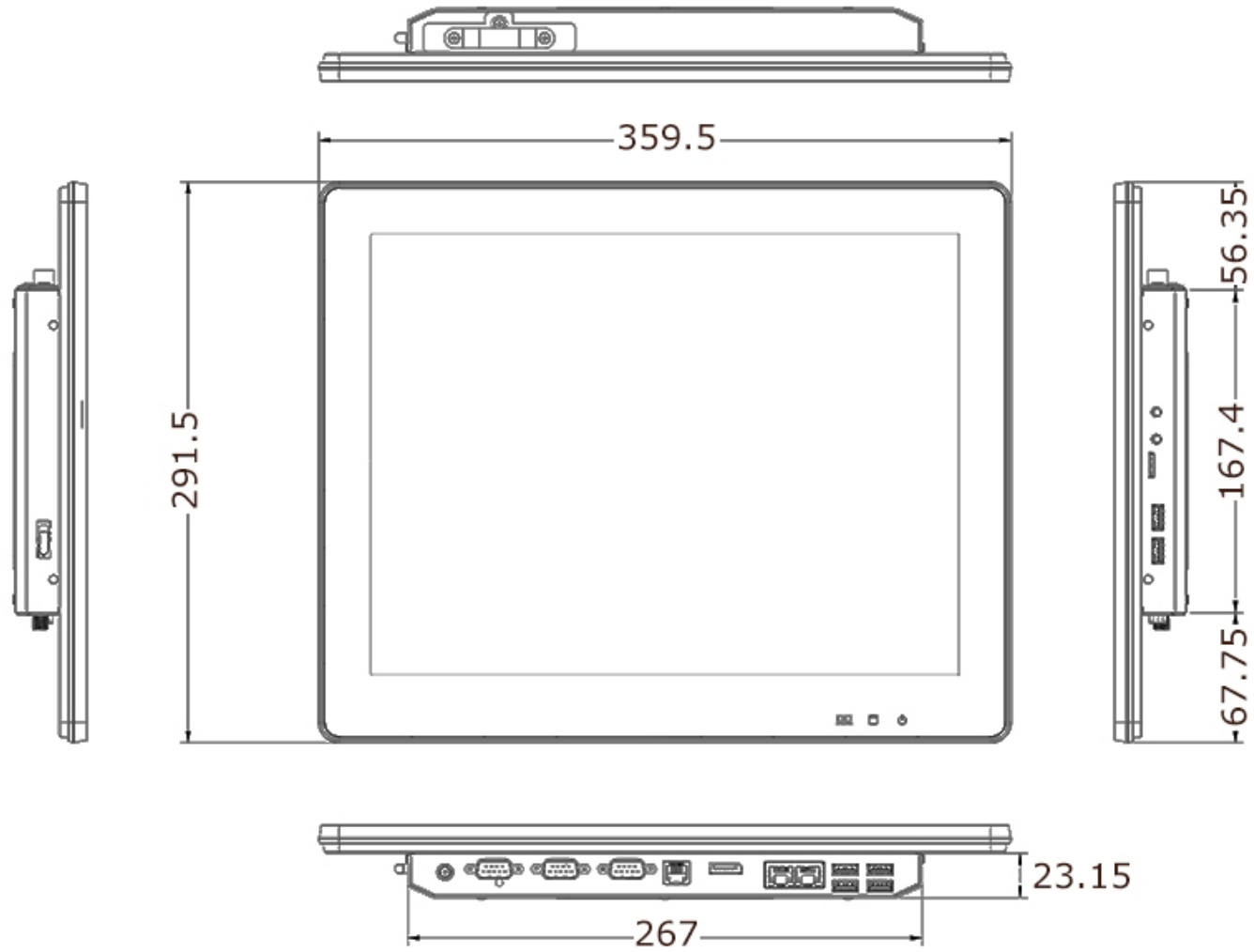
Side

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Tech Diagram Images



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