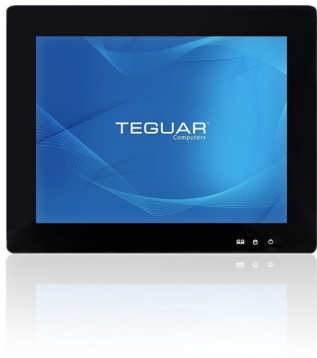




Features

- 12.1" 1024x768 (500 Nit) LCD
- Intel Apollo Lake Pentium N4200 Quad Core CPU
- Fanless Dust Resistant Design
- IP65 Full Flat Front Panel with Resistive Touchscreen
- Rich I/O Support
- Optional Backup Battery

Technical Specifications

General

Main Category Industrial Computer

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

Display

Screen Size 12.1"
Resolution 1024 x 768 (XGA)
Screen Ratio 4:3
Brightness 500 nits
Viewing Angle 140° (H), 160° (V)
Number of Colors Supported 16.2M

Touch Screen

Touch Screen Resistive
Light Transmission Over 80%
Lifetime Usage 50,000 hrs

Expansion Slots

video card support Intel HD Graphics 505

Multimedia

Speakers 2x 2W Speakers

Thermal and Environmental

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

Enclosure

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

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	1x Optional Line in by RCA Jack
Power Input Port	Locking Type

Peripherals & Wireless Connectivity

Power

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

Weight	2.3 KG (5.1 lbs)
Dimensions	313 x 251 x 36.6 mm (12.3 x 9.9 x 1.4 in)

Battery

Type	Optional Internal Battery
Operating Time	1.5hrs

Certification

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

Windows	Windows 10 IoT, Windows 10 Pro
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Warranty

Warranty	Up to 5 Years
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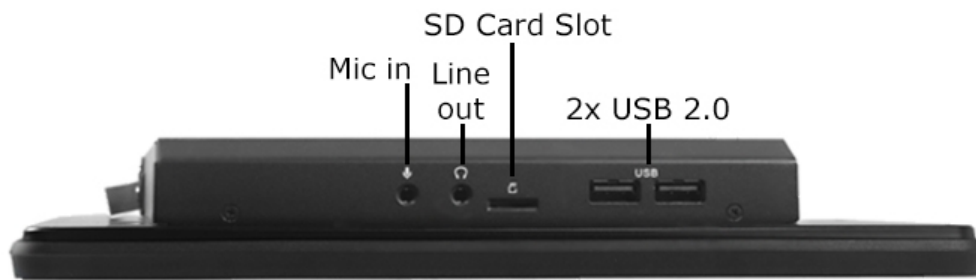
Compatibility

Filters

Inputs / Outputs

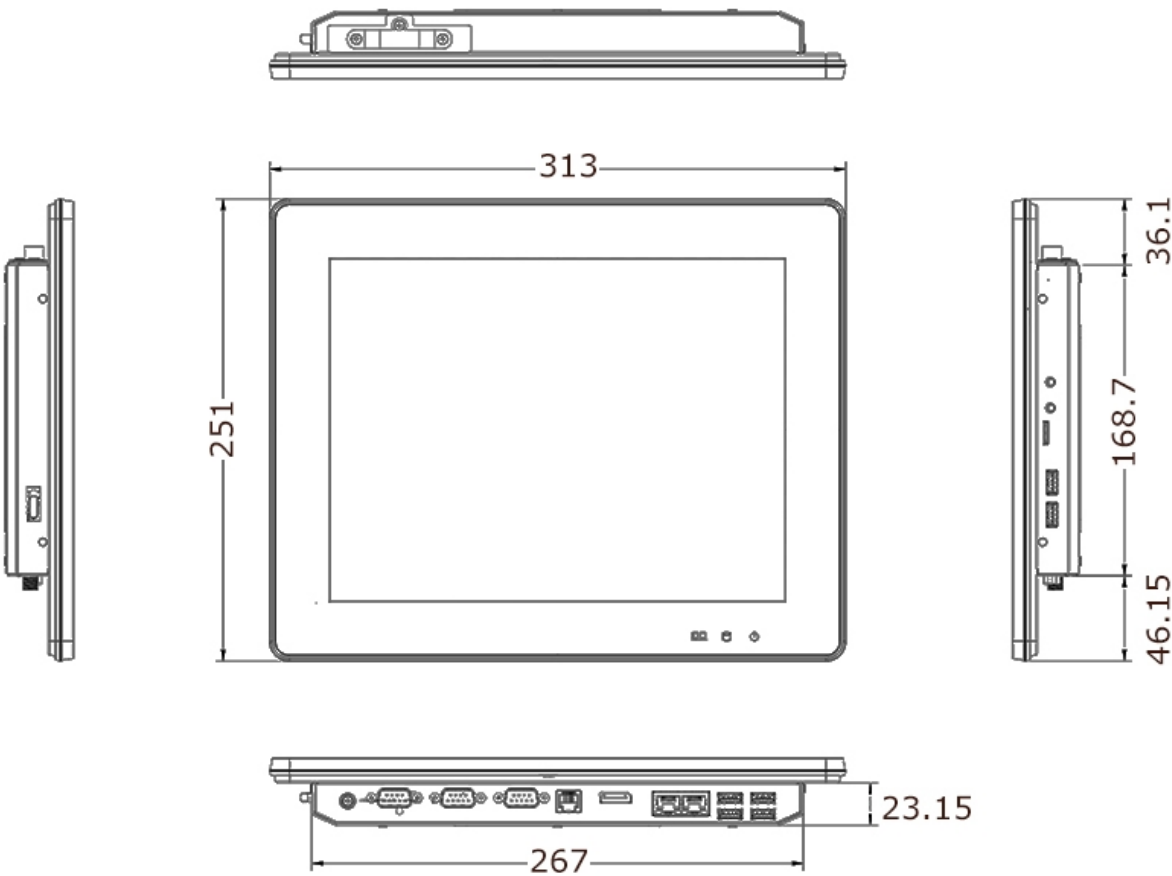


Bottom



Side

Technical Drawings



All specifications are subject to change without notice.