TEGUAR

Features

- 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

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

Display

Screen Size	21.5
Resolution	1920 x 1080 (Full HD)
Screen Ratio	16:9
Brightness	250 nits

Touch Screen

Touch Screen	Projected Capacitive

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)

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

Expansion Slots

Video Card Support	Intel HD Graphics

Multimedia

Speakers	1x 2W Speaker
Camera	Optional 2MP Webcam

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

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

Peripherals & Wireless Connectivity

WiFi	802.11 b/g/n WLAN card
Bluetooth	Bluetooth 4.0

Weight / Dimensions

Weight	8 kg (17.6 lbs)
Dimensions	536 x 48 x 328 mm (21.1 x 1.9 x 12.9 in)

Certification

Certifications	CE, FCC Class B, LVD

Warranty

Warranty	Up to 5 Years

I/O Diagram Images
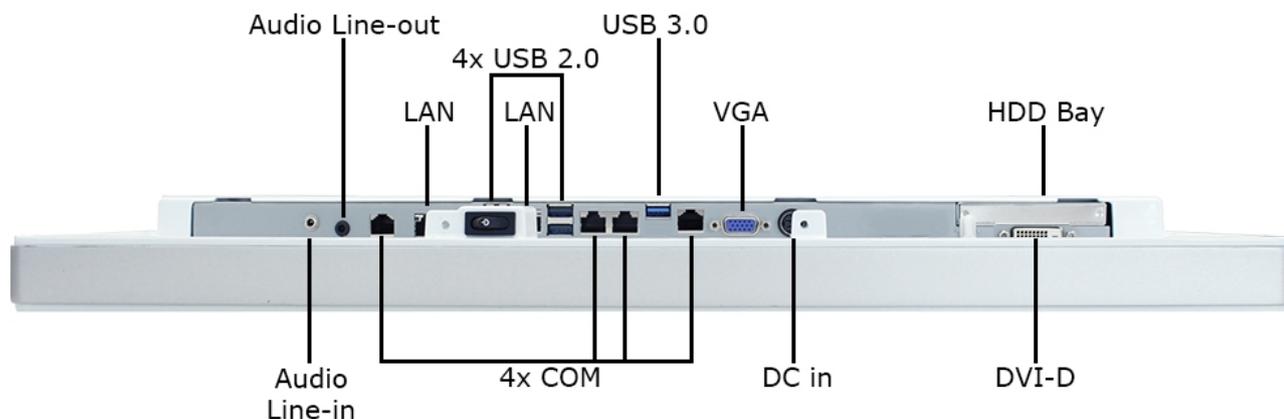
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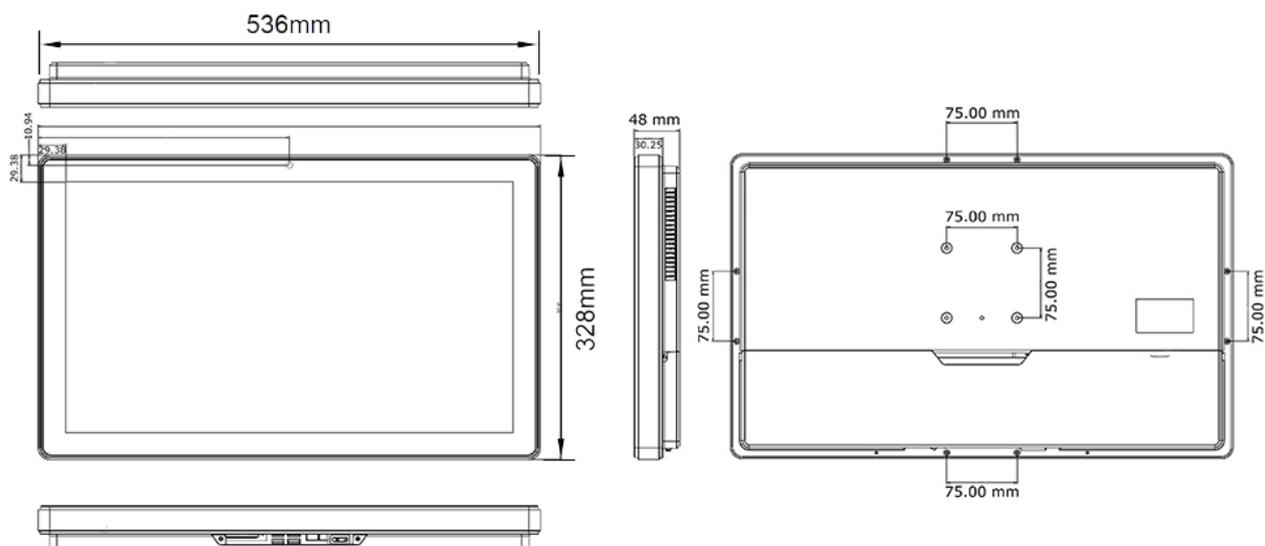
All specifications are subject to change without notice.