TEGUAR

Features

- 15" P-Cap Touchscreen
- Intel Bay Trail Atom Quad Core CPU
- IP69K Rated Enclosure w/ IP66 Connectors
- Onboard DDR3 with up to 8GB RAM
- High-brightness Screen w/ AR Coating
- Wide Temperature Range Tolerance

Technical Specifications

Primary Components

Processor Family	Intel Atom Bay Trail
Processor Model	E3845
Processor Speed	1.91 GHz
Memory Type	2x DDR3 SO-DIMM
Memory Support	4GB
Storage Type	1x 2.5" SATA Drive Bay for SSD/HDD
Storage Support	128GB - 512GB

Display

Screen Size	15"
Screen Resolution	1024 x 768 (XGA)
Screen Ratio	4:3
Brightness	1000 nits

Touch Screen

Touch Screen	Projected Capacitive
Hardness	7H

External I/O Ports

USB	1x M12 8Pin for USB 1/2
Serial / Com	2x COM
Serial Protocol Detail	2x RS-232
Ethernet / LAN	1x RJ45 GbE LAN
Power Input Port	M12 type 5-PIN DC-in

Power

Input Voltage Range	7-32V DC
Max Power Consumption	42W
Standard Power Adapter	IP67 24V AC/DC Adapter

Operating Systems

| Windows | Windows 10 Pro, Windows 7 Pro |

Compatibility

| Security Hardware | Optional TPM 2.0 |

Expansion Slots

| Video Card Support | Intel HD Graphics |

Thermal & Environmental

Operating Temperature	-20°C - 60°C (-4°F – 140°F)
Storage Temperature	-20°C - 65°C (-4°F – 149°F)
Cooling Solution	Passive– Heatsink with Backup Smart Fan
Humidity Range	10% – 90% Non-condensing

Enclosure

Material	SUS304 Stainless Steel
IP Rating	IP66, IP69K
Color	White
Mounting Options	Panel Mount, VESA Mount

Peripherals & Wireless Connectivity

| WiFi | Optional WLAN |

Weight / Dimensions

| Weight | 12 kg (26.5 lbs) |
| Dimensions | 415 x 329.5 x 85 mm (16.3 x 13.0 x 3.3 in) |

Certification

| Certifications | CE, FCC, VCCI |

Warranty

Warranty   Up to 5 Years

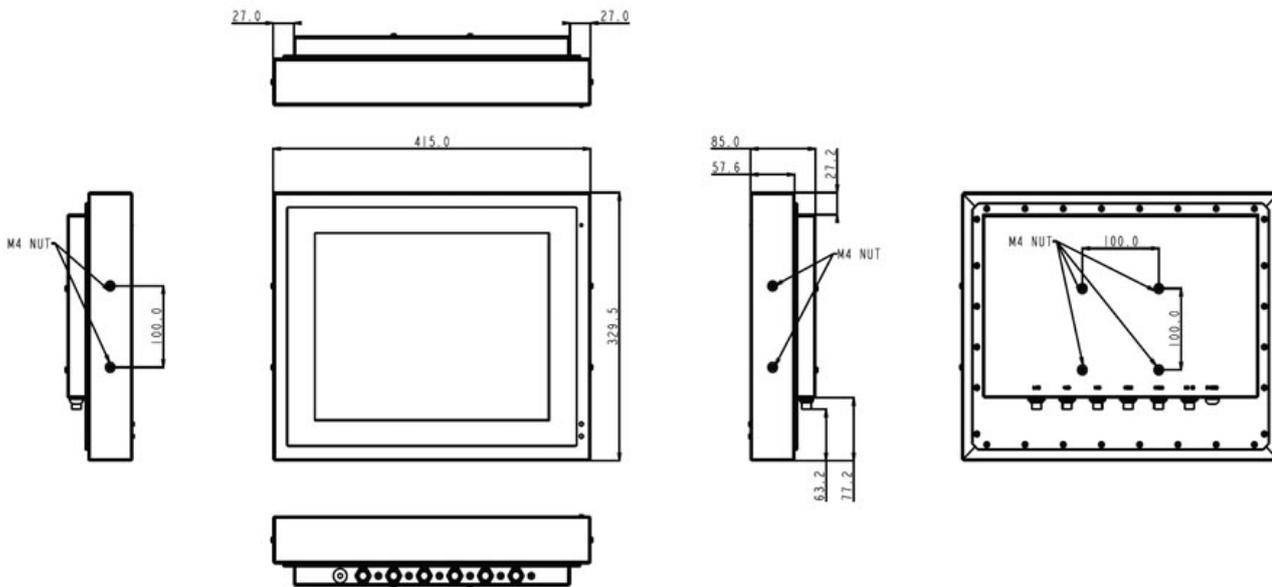## I/O Diagram Images

Tech Diagram Images

All specifications are subject to change without notice.