



Features

- 15" Waterproof Touchscreen
- Intel Apollo Lake J3455 Celeron CPU
- Highly Durable Stainless Steel Bezel
- Waterproof Connectors and Power Supply
- IP66 / IP69K and Optional IP67

Technical Specifications

Primary Components

| | |
|------------------|---|
| Processor Family | Intel Celeron Apollo Lake |
| Processor Model | J3455 Quad Core |
| Processor Speed | 1.5 GHz |
| Memory Type | 1x DDR3L SO-DIMM |
| Memory Support | 4GB, 8GB |
| Storage type | 1x 2.5" SATA Drive Bay for SSD/HDD, M.2 |
| Storage support | 32GB-1TB |

Display

| | |
|----------------|---|
| Screen Size | 15" |
| Resolution | 1024 x 768 (XGA) |
| Screen Ratio | 4:3 |
| Brightness | 450 nits, Optional 1000 nit High Brightness |
| Contrast Ratio | 800:1 |
| Viewing Angle | 160° (H), 160° (V) |

Multimedia

| | |
|----------|-------------------|
| Speakers | Optional Speakers |
|----------|-------------------|

Thermal and Environmental

| | |
|-----------------------|--------------------------|
| Operating Temperature | Array (32°F – 113°F) |
| Storage Temperature | Array (-4°F – 140°F) |
| Humidity Range | 10% – 90% Non-condensing |
| Storage Humidity | 10% – 90% Non-condensing |
| Cooling Solution | Passive – Fanless |

Touch Screen

| | |
|--------------------|--|
| Touch Screen | 5 Wire Resistive, Projected Capacitive |
| Light Transmission | Over 80% (Resistive), Over 90% (P-Cap) |
| Hardness | Resistive: 4H, P-cap: 7H |

Enclosure

| | |
|-----------------------------|--|
| Material | SUS304 Stainless Steel, Optional SUS316 Stainless Steel |
| Ip Rating | IP66, IP69K, NEMA 4X, Optional IP67 |
| Color | Stainless Steel |
| Control Buttons | Power Button |
| Mounting Options | Table Mount, VESA 100 Mount, Wall Mount |
| Approved Cleaning Solutions | Acetic Acid (low concentration), Ammonium Nitrate (low concentration), Benzine, Citric Acid (low concentration), Ethanol, Ethylene Glycol Solution (1:1 with water), Hexane, Hydrochloric Acid (low concentration), Iron Chloride Solution, Isooctane, Isopropyl Alcohol, Nitric Acid, Paraffin, Perhydrol (30% in water), Phosphoric Acid (low concentration), Propane, Silicone Oil, Sodium Carbonate (low concentration), Sodium Chloride Solution, Sodium Nitrate (low concentration), Sulfuric Acid (low concentration), Triethylene Glycol |

External I/O ports

| | |
|------------------------|-------------------------------------|
| USB | 2x M12 8Pin for USB 1/2 and USB 3/4 |
| Serial / Com | 2x M12 8-pin for COM |
| Serial Protocol Detail | 1x RS-232, 1x RS-232/422/485 |
| Ethernet / LAN | 1x M12 8pin RJ45 Gbe LAN |
| Power Input Port | M12 type 5-PIN DC-in |

Power

| | |
|------------------------|------------------------------------|
| Input Voltage Range | 9-32V DC |
| Max Power consumption | 37W |
| Standard Power Adapter | AC 100~240V / 47 ~ 63Hz, IP68, 60W |

Peripherals & Wireless Connectivity

| | |
|-----------------|--|
| WiFi | Optional WiFi + Bluetooth Flat Antenna Kit |
| BlueTooth | Optional Bluetooth 4.0 |
| Barcode Scanner | Optional 1D/2D Barcode Scanner |

Dimensions / Weight

| | |
|------------|--|
| Weight | 7.6 KG (16.8 lbs) |
| Dimensions | 395 x 58 x 309.5 mm (15.6 x 2.3 x 12.2 in) |

Operating Systems

Windows Windows 10 IoT, Windows 10 Pro
 Linux Linux

Certification

Certifications CE, FCC, VCCI Class B

Compatibility

Security Hardware Optional TPM 2.0

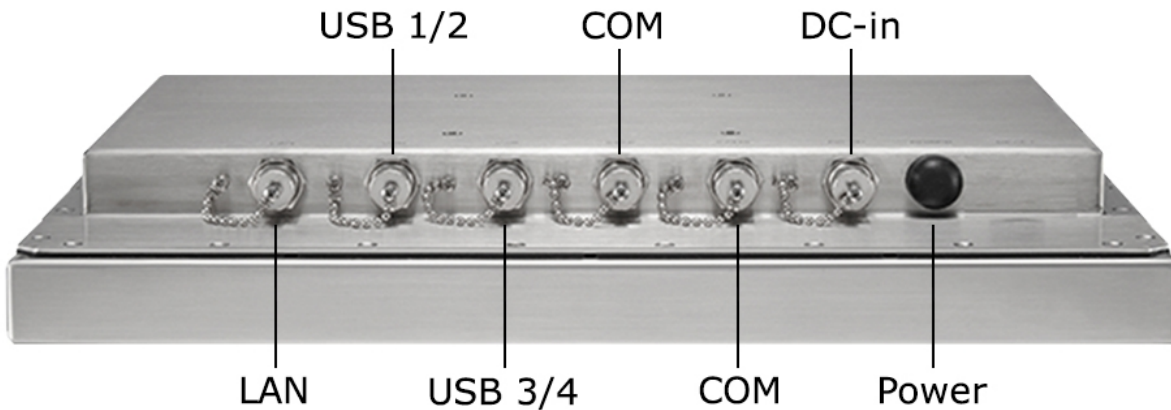
Warranty

Warranty Up to 5 Years

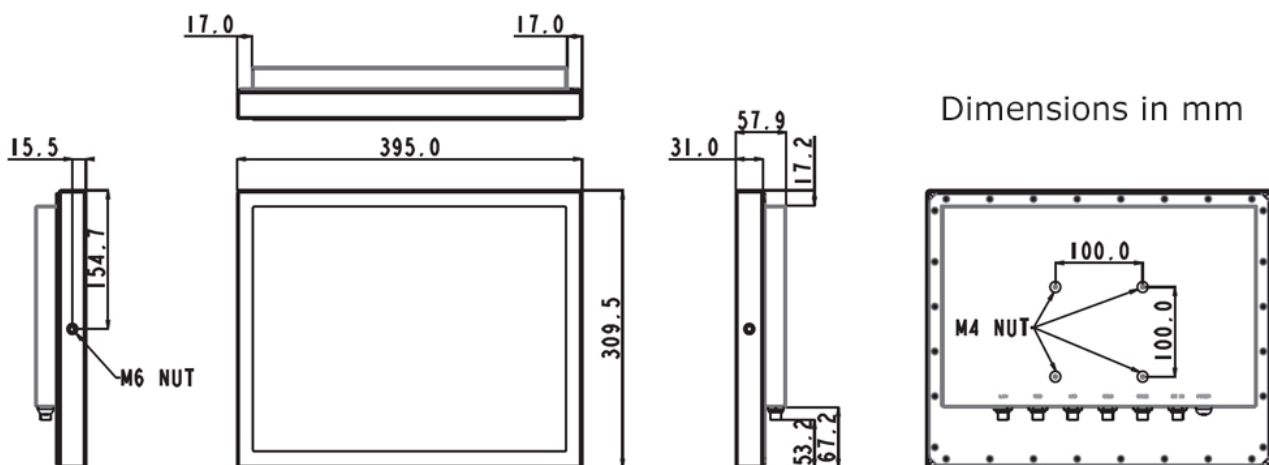
Expansion Slots

Internal Mini PCIe 1x Mini-PCIe
 Internal M.2 1x M.2 Type E

Inputs / Outputs



Technical Drawings



All specifications are subject to change without notice.