



Features

- 12.1" Resistive or P-Cap Touch Screen Panel
- ARM Cortex A9 CPU
- Onboard DDR3 1GB Memory
- Onboard 4GB eMMC Flash
- IP65 Protected Front Bezel
- Wide Range Power Input

Technical Specifications

Primary Components

Processor Family	ARM Cortex A9
Processor Speed	1.0 GHz
Memory Type	Onboard DDR3
Memory Support	1GB
Storage Support	4GB

Display

Screen Size	12.1"
Screen Ratio	4:3
Brightness	450 nits

Touch Screen

Touch Screen	Projected Capacitive, Resistive
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External I/O Ports

USB	1x Micro USB Port, 2x USB 2.0
Serial / Com	1x COM
Serial Protocol Detail	1x RS-232/422/485 DB-9
Ethernet / LAN	1x RJ45 GbE LAN
Power Input Port	3-Pin DC-In (Phoenix Type)

Power

Input Voltage Range	9-36V DC
Standard Power Adapter	Optional 12V AC/DC Adapter

Operating Systems

Android	Android 6.0.1
Linux	Linux 4.1.15

Expansion Slots

SD card	1x Micro SD Slot
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Thermal & Environmental

Operating Temperature	0°C - 50°C (32°F – 122°F)
Storage Temperature	-20°C - 60°C (-4°F – 140°F)
Cooling Solution	Passive – Fanless with Heatsink
Humidity Range	10% – 90% Non-condensing

Enclosure

Material	Plastic
IP Rating	IP65 Front Bezel
Mounting Options	Panel Mount, VESA Mount, Wall Mount

Peripherals & Wireless Connectivity

WiFi	Optional WiFi/3G Module (via mini-PCIe)
Sim Card	1x SIM Card Slot

Weight / Dimensions

Weight	1.5 kg (3.3 lbs)
Dimensions	319 x 51 x 245 mm (12.6 x 2.0 x 9.6 in)

Certification

Certifications	CE, FCC Class A
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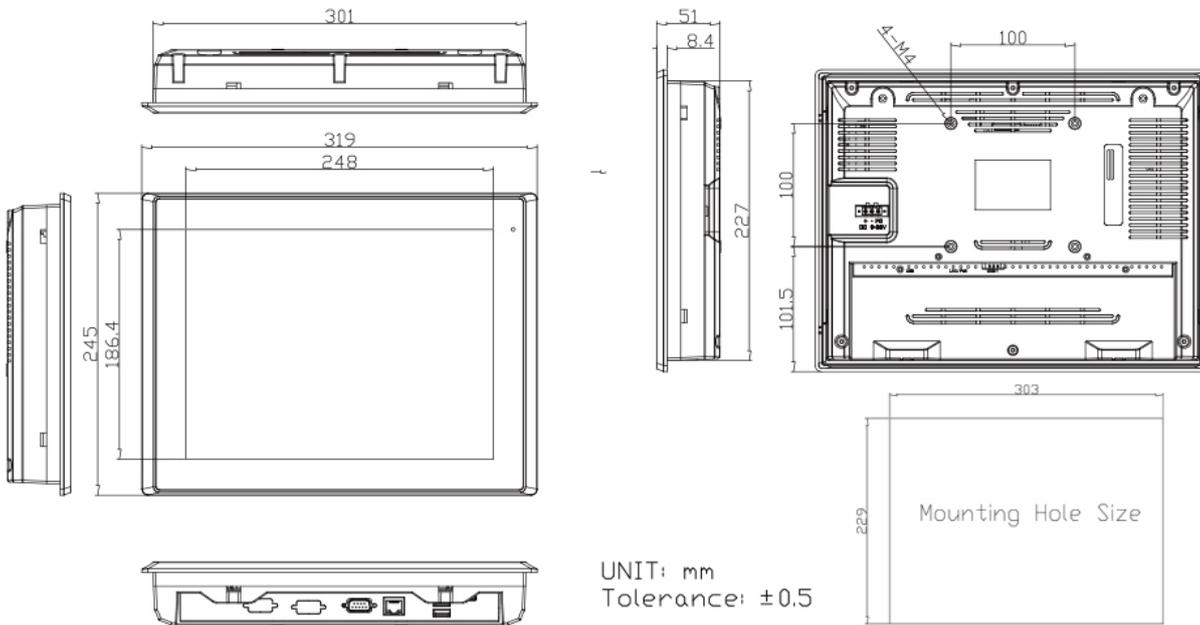
Warranty

Warranty	Up to 5 Years
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I/O Diagram Images



Tech Diagram Images



All specifications are subject to change without notice.