



## Features

- 12" Projected Capacitive Touchscreen
- Intel Quad Core Atom CPU
- WiFi 802.11 and Bluetooth 4.0
- IP54 Dust and Waterproof Rated
- UL/EN 60601 Medically Certified
- Slim and Fanless Design

## Technical Specifications

### General

Main Category Medical Computer, Rugged Tablet PC

### Primary Components

Processor Family Intel Atom Mobile Cherry Trail  
 Processor Model Z8550  
 Processor Speed 1.44 GHz  
 Memory Type Onboard DDR3  
 Memory Support 4GB  
 Storage type Onboard eMMC Flash  
 Storage support 32GB

### Display

Screen Size 12"  
 Resolution 1920 x 1200 (WUXGA)  
 Screen Ratio 16:10

### Touch Screen

Touch Screen Projected Capacitive (Multi-touch)

### Expansion Slots

SD card 1x Micro SD Slot

### Multimedia

Speakers 2x 1W Speakers  
 Camera Front: 2MP, Rear: 8MP  
 Microphone Built-in Microphone

### Thermal and Environmental

Operating Temperature Array (32°F – 104°F)  
 Storage Temperature Array (-4°F – 140°F)  
 Humidity Range 10% – 95% Non-condensing  
 Cooling Solution Passive – Fanless

### Enclosure

Material Double Injection  
 Antibacterial Housing Yes  
 Approved Cleaning Solutions Acetone, Alcohol, Club Soda, Hydrochloric Acid, Methyl Alcohol, Mineral Spirits, Nitric Acid, Sulfuric Acid (low concentration), Vinegar, Warm Water  
 Cleaning Instructions [View instructions here](#)

External I/O ports

USB	1x Micro USB 2.0 OTG
Other Ports	1x USB via adapter cable
Audio	1x Audio Line-Out, 1x Mic-In
Power Input Port	DC-in via adapter cable

Power

Peripherals & Wireless Connectivity

WiFi	WiFi 802.11 a/b/g/n/ac + Bluetooth 4.0
RFID	NFC- ISO1443A/B, PC/SC
Smartcard Reader	Optional
Sensors	Accelerometer, Light Sensor

Dimensions / Weight

Weight	1.054 KG (2.3 lbs)
Dimensions	311 x 206 x 15 mm (12.2 x 8.1 x 0.6 in)

Battery

Type	Internal Battery
Quantity	1x Battery

Certification

Operating Systems

Windows	Windows 10 IoT
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Warranty

Warranty	Up to 5 Years
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Compatibility

Security Hardware	TPM 2.0
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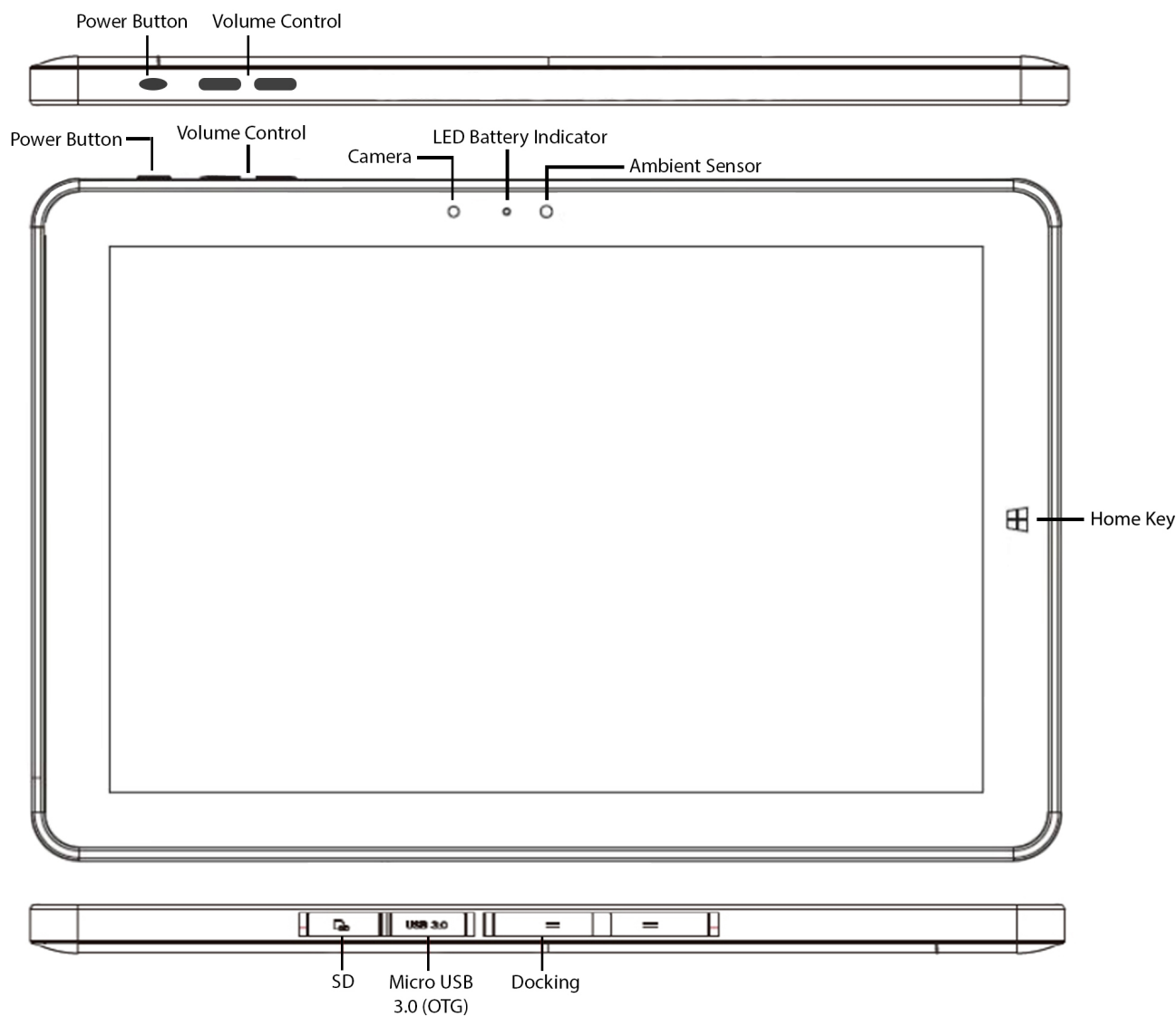
Inputs / Outputs



### Add-on Modules

 Smart Card Reader	 MSR	 1D/2D Barcode Scanner	 RJ45 Giga Ethernet	 3G/4G LTE
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Technical Drawings



*All specifications are subject to change without notice.*