



Features

- 12.2" 16:10 FHD IPS Display
- Intel Core i7 CPU with DDR4L RAM
- Hot Swappable Battery
- IP65 and MIL-STD-810G Rated
- Full Function USB Type C
- Expansion port for 1D/2D, NFC, Serial, Ethernet

Technical Specifications

General

Main Category Rugged Tablet PC

Expansion Slots

Expansion Module support Choose 1 Option Only - Option 1 Default: 1x Ethernet RJ45; Option 2: 1x D89(RS232) Serial port; Option 3: 1x USB 2.0; Option 4: 1x 1D Scanner-MOTO SE655E100R; Option 5: 1x 2D Scanner-Honeywell N3680

Primary Components

Processor Family Intel Core I Series 8th Generation Kaby Lake R
 Processor Model Core i7-8550U
 Processor Speed 2.0 GHz
 Memory Type Onboard DDR4L
 Memory Support 16GB, 32GB (MOQ)
 Storage type M.2
 Storage support 128GB (Standard), up to 1TB (Optional)

Multimedia

Speakers 1x 0.8W Speaker
 Camera Front: 2MP, Rear: 8MP w/ flash
 Microphone Built-in Microphone

Display

Screen Size 12.2"
 Resolution 1920 x 1200 (WUXGA)
 Brightness 280 nits

Thermal and Environmental

Operating Temperature Array (-4°F – 140°F)
 Storage Temperature Array (-22°F – 158°F)
 Humidity Range 5% – 95% Non-condensing
 Storage Humidity 5% – 95% Non-condensing
 Cooling Solution Active – with Fan

Touch Screen

Touch Screen	Projected Capacitive (Multi-touch)
Hardness	7H
Glass type	Gorilla Glass

External I/O ports

USB	1x USB 3.0, 1x USB Type C (USB 3.0, HDMI, Charging)
Video Outputs	1x Mini HDMI
Docking Connector	Yes
Other Ports	1x TF Card Slot
Audio	1x 3.5mm Headphone Jack
Power Input Port	4.0mm DC-in Jack

Power

Input Voltage Range	19V DC
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Battery

Type	Hot Swappable 7.4V/6300mAh Battery, Internal 7.4V/860mAh Battery
Operating Time	5hrs (Default 50% volume, 50% Brightness, Playing 1080P Video)
Quantity	1x Internal Battery, 1x Removable Battery

Operating Systems

Windows	Windows 10 Pro, Windows 7 Pro
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Compatibility

Security Hardware	TPM 2.0
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Enclosure

Ip Rating	IP65
Color	Black
Led Indicator Light	Battery, Power
Control Buttons	Audio Down, Audio Up, Home, Power Button, Scanner
Shock Rating	MIL-STD-810G Shock and Drop Resistant

Peripherals & Wireless Connectivity

WiFi	WIFI 802.11(a/b/g/n/ac)
BlueTooth	Bluetooth 4.2
GPS	Ublox M8
Mobile Network 4G LTE	Quectel EC25 M.2 Modules
Sim card	1x Micro SIM Card Slot
Barcode Scanner	Optional 1D/2D Barcode Scanner
Peripheral Other	Optional Fingerprint Reader, Optional NFC Reader
Sensors	Accelerometer

Dimensions / Weight

Weight	1.54 KG (3.4 lbs)
Dimensions	331x230x22 mm (13.0 x 9.1 x 0.9 in)

Certification

Certifications	IP65, MIL-STD-810G
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Warranty

Warranty	1 Year
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Filters

Main Category Filter	Rugged Tablet PC
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Inputs / Outputs



Technical Drawings



All specifications are subject to change without notice.