M101S, 10.1-inch Rugged Tablet PC

A Rugged Tablet that Can Survive Any Environment and Get Real Work Done.

M101S is a rugged tablet PC with robust set of features designed to withstand industrial use while providing high tech solutions that increase productivity, improve safety, and reduce operational costs. The processing power comes from Intel's core i5-7200U Kaby lake processor paired with genuine Intel graphics for high performance. The tablet features a brilliant, in-plane switching with direct optical bonding, projective capacitive touch screen, which is outdoor viewable and offers 1920 x 1200 pixel resolution. Weighing at just 2.7 pounds (approx. 1250 grams) the M101S delivers lightweight mobility in a rugged tablet.









Highlights

- 7th Gen Intel Core i5 Processor
- 10.1" 1920 x 1200 IPS LED Panel with direct optical bonding
- Optional 1D/2D Barcode Reader and HF RFID for data collection
- Hot-swappable battery design with optional High capacity battery pack
- IP65 waterproof and dustproof
- Rated for extreme temperature use

Order Information				
	3G	4G	1D/2D Barcode Reader	HF RFID
M101S	Optional	Optional	N/A	N/A
M101S-HF	Optional	Optional	N/A	Default
M101S-H2	Optional	Optional	Default	Default
M101S-BH	Optional	Optional	Default	N/A
M101S-LA	N/A	4G/LTE for North America	Optional	Optional
M101S-LE	N/A	4G/LTE for Europe	Optional	Optional





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Display Specification

10.1-inch IPS display with LED Backlight

Resolution 1920 x 1200 WUXGA

Brightness 8-800 nit

With Direct optical bonding for sunlight readable

Multi-touch projected capacitive Touch

Contrast Ratio 800:1 85/85/85/85 Viewing angle

· Anti reflective and anti-glare technology (Optional) Technology

· Ambient light sensor, e-compass, gyro,

acceleration sensors • Automatic screen rotation

• Intel HD Graphics 520 (built-in CPU) video controller

System Specification

Intel Core i5-7200U Kaby lake 2.5GHz (turbo to 3.1GHz) Processor

System Memory 4GB DDR4 SDRAM 1 (up to 8GB) Storage 64GB solid state drive (SSD)

Optional 512GB, up to 128GB additional storage

with optional microSDXC card slot

Operating system Windows 10 IoT Enterprise

Wireless Communication

ΜΑ ΙΜ 802.11 a/b/g/n/ac Bluetooth Bluetooth 4.2 **GNSS** GPS, GLONASS, BeiDou

WWAN Optional 4G (LTE, HSPA+, GSM/GPRS/EDGE,

EV-DO Rev A, 1xRTT)

• Optional 3G (HSPA+, GSM/GPRS/EDGE)

Interface

Docking Connector 1 x 19-pin docking connector

HDMI 1 x micro HDMI

USB 1 x USB3.0 (Type A), 1 x USB3.0 (Type C)

Power input 1 x Power Jack 1 x micro SD Slot Micro SD

Audio connector 1 x Audio combo connector (Mic in or line out)

Keyboard and Input

• 10-point multi touch. Touch

support Rain, Stylus, Glove Modes

 On-screen QWERTY keyboard Button 1 x power, 1 x Home, 2 x volume key

2 x function key (Programmable function key

configured by Hottab Utility) Power / Battery / HDD/ RF

Audio

LED Indicators

Microphone Built-in dual Digital Mic with Noise Cancellation

Speaker 2 x 1 watt speaker

Cameras

2MP webcam Web camera

Rear camera 8MP rear camera with autofocus and LED light

Data Capture

Optional 1D/2D Barcode Reader Barcode Optional HF RFID reader 13.56 MHz

Security Function

Security · Password security for user and hard disk lock

• Trusted Platform Module (TPM) V2.0 2

Mobile Device Mamt SOTI Mobicontrol compatible 3

Mechanical and Environment

Dimension (W x Lx H) 271.8 x 197.2 x 21 mm (10.7 x 7.76 x 0.83 inches) 4

1.25 kg (2.7 lbs) with standard battery,

1.45 kg (3.2 lbs) with optional high capacity battery

Operating Temperature -20°C to 60°C (AC mode), -10°C to 50°C (Battery mode) Storage Temperature -30°C to 70°C (-22°F to 158°F) Humidity 10% to 90% RH, non-condensing IP Proof IP65 certified, Dustproof and waterproof Shock MIL-STD-810G Method 516.6 Procedure I Vibration MIL-STD-810G Method 514.6 Procedure I MIL-STD-810G Method 516.6, 4 ft to concrete 5

Power Management

12-19V DC Power Input

7.4V, 5140 mAh Li-Polymer Battery (2S1P) Batterv

7.4V,10280 mAh Li-Polymer Battery (2S2P, optional)

Std. Battery: 8 hours 6 Battery Operating Time

High Capacity Battery: 16 hours 6 100-240V, 50-60Hz, 19V DC Adapter

Accessories

Drop

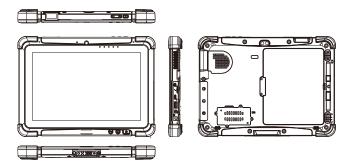
Standard Accessories

922D065W19V1 Capacitive Stylus 9B0000000415 98K000A0003R Standard Battery

Optional Accessories 7

98DT00A0000E 98DT00A0000F Vehicle Dock (without VGA output) Vehicle Charger 9226065W19V0 High Capacity Battery 98K000A0003P Battery Charger 98KT00A0000F 98K000A0003.J Hand Strap Shoulder Strap 98K000A0003Q 9B000000003J Carry Bag Micro HDMI Cable 9491191190K1 98K000A0007D Active Pen

Drawing





Do Not Expose the Battery Pack to Excessive Heat, or Extreme Heat (Near Fire, in Direct Sunlight for example)

Do not expose bare skin to this product when handling this unit in extreme

- 1. Total usable memory will be less depending upon actual system configuration.
- 2. TPM 2.0 available upon request.
- 3. SOTI is available upon request.
- 4. Length measurements do not include protrusions. Weight varies with options and
- 5. The drop test with high-capacity battery must come with hand strap.
- 6. Measured at dimming LCD brightness. Varies depending on the usage conditions, or when an external device is attached.
- 7. Accessories and Integrated Options may vary depending on your configuration.
- 8. This is a simplified drawing and some components are not marked in detail



