

# M101P-ME, 10.1-inch Rugged Tablet PC

A Tablet Computer for Healthcare Professionals that Saves Time and Improves Efficiency

M101P-ME is a healthcare Windows-based tablet computer with a housing enhanced with antimicrobial properties, weighting at just 1200 grams (2.65 pounds). This mobile and portable device is flexible enough to function as a standalone device and competent enough to be used for all sorts of data collection, patient care, information management and wireless communication in Healthcare environments.

With rugged features, a crystal clear 1920 x 1200 resolution display, projected capacitive touch screen, barcode scanner and superior processing power coming from Intel's Apollo Lake processor, this tablet can be used in hospital halls, waiting rooms or nurse stations for communicating and documenting patient information, allowing paramedics and nurses to instantly access and keep patient records.



## Highlights

- 10.1" 1920 x 1200 IPS LED Panel with direct optical bonding
- Intel® Apollo Lake Pentium N4200 processor
- Housing enhanced with antimicrobial properties
- Long battery life
- USB 3.0 (Type C) connector
- Optional 1D/2D barcode scanner to scan medications or wrist bands
- Lightweight, rugged, IP65 waterproof and dustproof
- IEC 60601-1, 60601-1-2 Healthcare Certified

\*Please consult your reseller or Winmate representative before purchasing.

\*Accessories and Integrated Options may vary depending on your configuration. Visit Winmate website for more accessories and details.



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## Display Specification

|                  |                                                                                                                                                                                                                                                    |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Size             | 10.1-inch IPS display with LED Backlight                                                                                                                                                                                                           |
| Resolution       | 1920 x 1200 WUXGA                                                                                                                                                                                                                                  |
| Panel Brightness | 600 nit                                                                                                                                                                                                                                            |
| Touch            | With direct optical bonding for sunlight readable                                                                                                                                                                                                  |
| Contrast Ratio   | 800:1                                                                                                                                                                                                                                              |
| Viewing Angle    | 85/85/85/85                                                                                                                                                                                                                                        |
| Technology       | <ul style="list-style-type: none"> <li>• Anti-glare technology</li> <li>• Ambient light sensor, e-compass, gyro, acceleration sensors</li> <li>• Automatic screen rotation</li> <li>• Intel HD Graphics (built-in CPU) video controller</li> </ul> |

## System Specification

|                  |                                                                                                                |
|------------------|----------------------------------------------------------------------------------------------------------------|
| Processor        | Intel Pentium N4200 Processor<br>1.10 GHz, up to 2.50 GHz with turbo boost technology                          |
| System Memory    | 4GB SODIMM DDR3L-1600 (up to 8GB) <sup>1</sup>                                                                 |
| Storage          | 128GB solid state drive (SSD)<br>Optional up to 512GB, up to 128GB additional storage with microSDXC card slot |
| Operating System | Windows 10 IoT Enterprise (64 bit)                                                                             |

## Wireless Communication

|           |                   |
|-----------|-------------------|
| WLAN      | 802.11 a/b/g/n/ac |
| Bluetooth | Bluetooth 5.0     |
| GNSS      | GPS, GLONASS      |
| WWAN      | Optional 4G LTE   |

## 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) <sup>2</sup>       |
| Power Input       | 1 x Power Jack                                              |
| Micro SD          | 1 x Micro SD Slot                                           |
| Audio Connector   | 1 x Audio Combo connector (Mic in or Line Out)              |
| Expansion Port    | 1 x Expansion Connector for USB 2.0 / Full RS232 (Optional) |

## Keyboard and Input

|                |                                                                                                                                                                                                                |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Touch          | <ul style="list-style-type: none"> <li>• 10-point multi touch, support Rain, Glove, Stylus</li> </ul>                                                                                                          |
| Button         | <ul style="list-style-type: none"> <li>• On-screen QWERTY keyboard</li> <li>• Button 1 x power, 1 x Home, 2 x volume key, 2 x function key (Programmable function key configured by Hottab Utility)</li> </ul> |
| LED Indicators | Power, Battery, HDD, RF                                                                                                                                                                                        |

## Audio

|            |                                                   |
|------------|---------------------------------------------------|
| Microphone | Built-in dual Digital Mic with Noise Cancellation |
| Speaker    | 2 x 1 watt speaker                                |

## Cameras

|             |                                              |
|-------------|----------------------------------------------|
| Web Camera  | 2MP webcam                                   |
| Rear Camera | 8MP rear camera with autofocus and LED light |

## Data Capture

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

## Security Function

|                     |                                                                                                                                                                           |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Security            | <ul style="list-style-type: none"> <li>• Password security for user and hard disk lock</li> <li>• Trusted Platform Module (TPM) 2.0</li> <li>• Kensington Lock</li> </ul> |
| Mobile Device Mgmt. | SOTI Mobicontrol compatible <sup>3</sup>                                                                                                                                  |

## Regulatory Approvals

|             |                                                                                                                                         |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Certificate | <ul style="list-style-type: none"> <li>• CE, FCC, IC</li> <li>• IEC 60601-1, IEC 60601-1-2, EN 60601-1, ANSI/AAMI ES 60601-1</li> </ul> |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------|

## Mechanical and Environment

|                       |                                                                                                  |
|-----------------------|--------------------------------------------------------------------------------------------------|
| Dimension (W x L x H) | 271.8 x 197.2 x 19 mm (10.7 x 7.76 x 0.75 inches) <sup>4</sup>                                   |
| Weight                | 1.2 kg (2.65 lbs) with standard battery,<br>1.4 kg (3.1 lbs) with optional high capacity battery |
| Housing               | Rugged housing enhanced with antimicrobial properties                                            |
| Operating Temperature | 0°C to 35°C                                                                                      |
| Storage Temperature   | -30°C to 70°C                                                                                    |
| 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                                                            |
| Drop                  | MIL-STD-810G Method 516.6, 4 ft to concrete <sup>5</sup>                                         |

## Power Management

|                        |                                                                                                           |
|------------------------|-----------------------------------------------------------------------------------------------------------|
| Power Input            | 12-19V DC                                                                                                 |
| Battery                | 7.4V, typ. 5140 mAh Li-Polymer Battery (2S1P)<br>7.4V, typ. 10280 mAh Li-Polymer Battery (2S2P, optional) |
| Battery Operating Time | Std. Battery: 8 hours <sup>6</sup>                                                                        |
| High Capacity Battery: | 16 hours <sup>6</sup>                                                                                     |
| Adapter                | 100-240V, 50-60Hz / 19V DC                                                                                |

## Accessories

### Standard Accessories

|                        |              |
|------------------------|--------------|
| Adapter and Power Cord | 922D072W19V0 |
| Capacitive Stylus      | 9B0000000415 |
| Standard Battery       | 98K000A00095 |

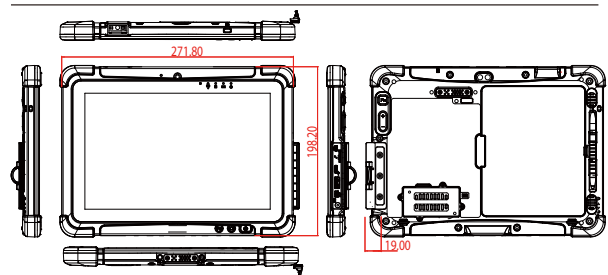
### Optional Healthcare Certified Accessories <sup>7</sup>

|                              |              |
|------------------------------|--------------|
| Healthcare Grade Tablet Dock | 98DT00A00012 |
|------------------------------|--------------|

### Optional non-Healthcare Certified Accessories <sup>7</sup>

|                                   |              |
|-----------------------------------|--------------|
| Desk Dock                         | 98DT00A0000E |
| Vehicle Dock (without VGA output) | 98K000A0003L |
| Battery Charger                   | 98KT00A0000F |
| Smart Card Reader                 | 98K000A0003U |
| Hand Strap                        | 98K000A0003J |
| UHF RFID Reader                   | 98K000A0004J |
| VESA Mount Kit                    | 98KT00A0001H |
| Shoulder Strap                    | 98K000A0003Q |
| Carry Bag                         | 9B000000003J |
| Micro HDMI Cable                  | 9491191190K1 |
| Vehicle Charger                   | 9226065W19V0 |
| USB-C to Ethernet Adapter         | 9AN00000000I |
| USB-C to RS232 Adapter            | 9AN00000000L |
| USB-C to USB-A Hub                | 9AN00000000J |

## Drawing <sup>8</sup>



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 hot or cold environments

1. Total usable memory will be less depending upon actual system configuration.
2. The USB Type-C connector follows USB 3.0 standard, which does not support Alternate Mode (ALT) or USB Power Delivery (USB-PD).
3. SOTI is available upon request.
4. Length measurements do not include protrusions. Weight varies with options and active pen.
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.

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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