

M101PR

10.1" Intel® Pentium® N4200 Rugged Tablets



KEY FEATURES

- Intel® Pentium® N4200 Apollo Lake Processor Rugged Tablets
- 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
- Optional expansion port for USB / RS232 connection
- 4-wire resistive touch



SPECIFICATIONS

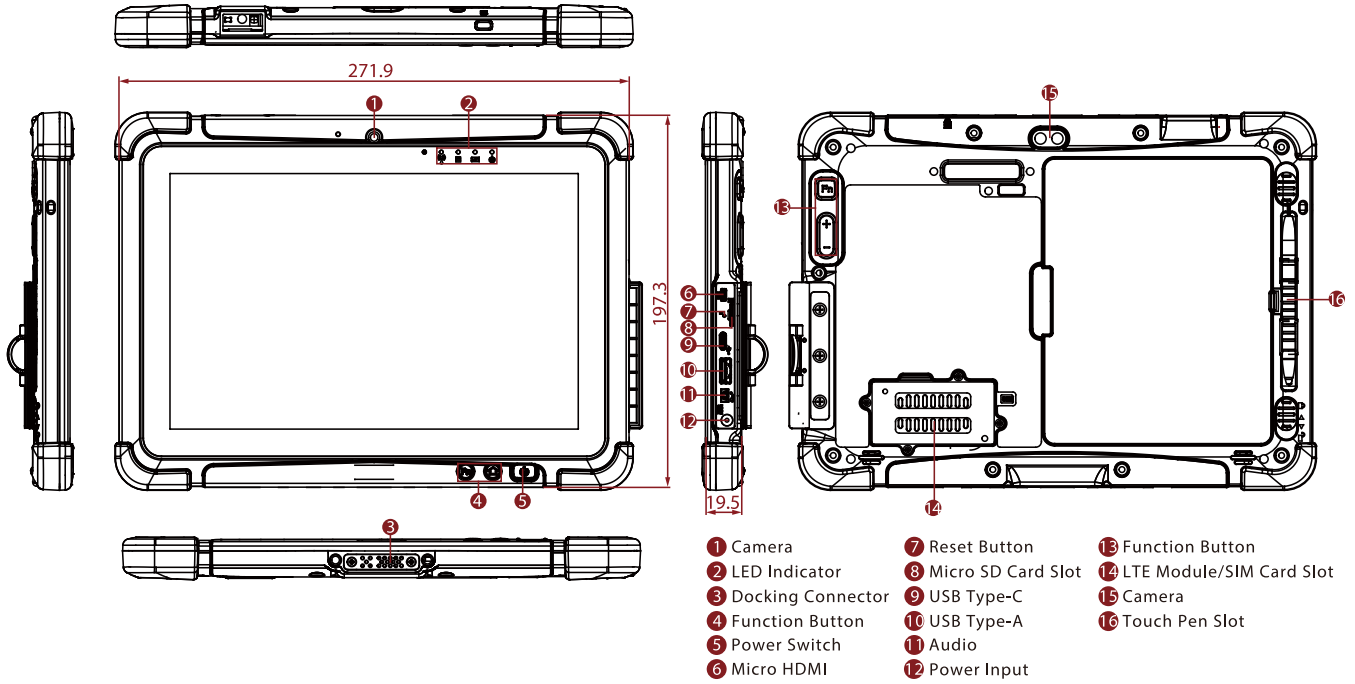
Display	
Resolution	1920x1200
Contrast Ratio	800:1
View Angles	85,85,85,85
Type	Resistive Touch
Size	10.1 inches
Panel Brightness	800 nits
Bonding	Optical Bonding for Sunlight Viewability
System Specification	
Processor	Intel Pentium N4200 Processor 1.10 GHz, up to 2.50 GHz with turbo boost technology
Storage	128GB SSD Additional storage available with micro SDXC card slot 256GB SSD (Optional) 512GB SSD (Optional)
Operating System	Windows 10 IoT Enterprise (64 bit)
BT	Support
GNSS	GPS, GLONASS
Sensors	Light sensor/ g-sensor / Gyro
Memory	4GB LPDDR4 8GB LPDDR4 (Optional)
Security	Trusted Platform Module (TPM) 2.0 Kensington Lock
WLAN	Support
WWAN	4G LTE (Optional)
RFID	HF RFID 13.56 MHz reader (Optional) add-on UHF RFID Reader (Optional)
Smart Card Reader	Add-on Smart Card Reader (Optional)
Camera	
Front Camera	2MP Front Camera
Rear Camera	8MP Rear Camera with auto-focus and LED light
Mechanical	
Dimension	271.9 x 197.3 x 19.5 mm
Weight	1.2 kg (2.65 lbs) with standard battery, 1.4 kg (3.1 lbs) with optional high capacity battery
Cooling System	Fanless design
IO Ports	
USB Port	1 x USB 3.0 (Type A), 1 x USB 3.0 (Type C)
SIM Card Slot	1 x SIM card slot
Audio	1 x Audio combo 3.5mm audio combo jack (Mic in or Line Out) Dual Digital Mic With Noise Cancellation Dual Speaker
SD Card Slot	1 x Micro SDXC slot
Video	1 x Micro HDMI (Optional)
Expansion Port	1 x Expansion connector for USB 2.0/ Full RS232 (Optional)
Indicator	4x LED Indicator for Power, Battery, HDD, RF
Docking Connector	1 x 19-pin docking connector

status

Environment			
Operating Humidity	10% to 90% RH, non-condensing	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)	Shock	MIL-STD-810G Method 516.6 Procedure I
Vibration	MIL-STD-810G Method 514.6 Procedure I	IP rating	IP65 certified, dustproof and waterproof
Drop	MIL-STD-810G Method 516.6, 4 ft		
Certification			
Certification	CE, FCC, UL, PTCRB, Verizon		
Security Function			
SOTI MobiControl	SOTI MobiControl Compliance	Kensington Lock	Kensington Lock Support
Control			
Button	1 x Power, 1 x Home, 2 x Volume, 2 x Programmable Function Keys		
Power			
Battery	Hot-swappable 7.7V, typ. 5900 mAh Li-Polymer Battery (2S1P) 7.4V, typ. 10280 mAh Li-Polymer Battery (2S2P, optional)	Battery Operating Time	Standard. Battery: 9 hours High Capacity Battery: 16 hours
Power Rating	19V DC	Adapter	100-240V, 50-60Hz / 19V DC
Accessory			
Accessory	Adapter and Power Cord Capacitive Stylus Standard Battery	Optional Accessory	Desk Dock (Optional) Vehicle Dock (without VGA output) (Optional) Vehicle Cradle (Optional) Battery Charger (Optional) Smart Card Reader (Optional) High Capacity Battery (Optional) Hand Strap (Optional) VESA Mount Kit (Optional) Shoulder Strap (Optional) Carry Bag (Optional) Vehicle Charger (Optional)
Barcode Scanner			
Barcode Scanner	1D/2D barcode reader (Optional)		

DIMENSIONS UNIT:MM

Winmate 10.1" Rugged Tablet PC M101PR



NOTE

1. Total usable memory will be less dependent 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. TPM 2.0 available upon request.
4. SOTI is available upon request.
5. Length measurements do not include protrusions. Weight varies with options and active pen.
6. The drop test with a high-capacity battery must come with a hand strap.
7. Measured at dimming LCD brightness. Varies depending on the usage conditions, or when an external device is attached.
8. Accessories and integrated options may vary depending on your configuration.
9. This is a simplified drawing and some components are not marked in detail.
10. The product shown in this datasheet is a standard model. For diagrams that contain customized or optional I/O, please contact the Winmate Sales Team for more information.