M101EKB

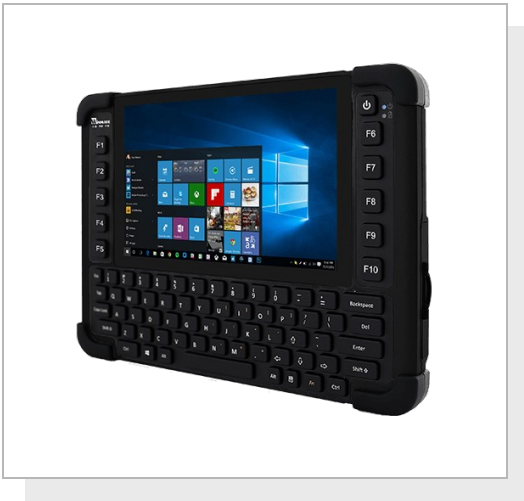## 8inch Windows Rugged Tablet PC with Intel® Celeron® N6211

KEY FEATURES

- Intel® Elkhart Lake Celeron® N6211 Processor
- 8" 1280x800 wide viewing angle with PCAP touch
- ISO/IEC 99953 QWERTY Keypad
- USB Type-C port supports power delivery 20V In
- IP65 water and dust proof with MIL-STD-810H rugged housing
- Low power consumption with fanless design
- Removable battery with hotswap function for all day productivity
- Integrated 4G/5G Wireless WWAN (Optional)

SPECIFICATIONS

Display

Bonding	Optical Bonding for Sunlight Viewability	**Resolution**	1280x800
Size	8.0 inches	**Contrast Ratio**	1500:1
Panel Brightness	800.0 nits	**View Angles**	80,80,80,80
Type	Projected Capacitive Multi Touch	**Viewability**	Anti-Glare touch treatment
Touch Mode	Support Hand / Gloves and Rain Mode		

System Specification

Processor	Intel Celeron N6211 @1.20 GHz (up to 3.00 GHz) Intel Pentium N6415 @1.20 GHz (up to 3.00 GHz) (Optional)	**Memory**	4GB LPDDR4 8GB LPDDR4 (Optional)
Storage	128GB SSD Additional storage available with micro SDXC card slot 256GB SSD (Optional) 512GB SSD (Optional)	**Security**	Trusted Platform Module (TPM) 2.0 Kensington Lock
Operating System	Windows 10 IoT Enterprise LTSC (64 bit) Windows 11 IoT Enterprise LTSC (64 bit) (Optional)	**WLAN**	Support
BT	Support	**WWAN**	4G (Optional) 5G (Optional)
GNSS	GPS, GLONASS, Galileo, BeiDou	**RFID**	HF RFID 13.56 MHz reader (Optional) add-on UHF RFID Reader (Optional)
Sensors	Light sensor/ G-sensor / Gyro	**Smart Card Reader**	Add-on Smart Card Reader (Optional)

Environment

Operating Humidity	10% to 90% RH, non-condensing	**Operating Temperature**	-20°C to 60°C
Storage Temperature	-30°C to 70°C (-22°F to 158°F)	**Shock**	MIL-STD-810H Method 516.8 Procedure I
Vibration	MIL-STD-810H Method 514.8 Procedure I	**IP rating**	IP65
Drop	MIL-STD-810H Method 516.8, 4 ft		

Certification

Certification	CE, FCC

Mechanical

Dimension	271.8 x 198.2 x 22 mm	**Weight**	1.35 kg (3 lbs)

Cooling System	Fanless Design		

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)

IO Ports

USB Port	1 x USB 3.0 (Type A), 1 x USB 3.0 (Type-C support Power Delivery 20V In)	**SD Card Slot**	1 x Micro SD Card slot (Support SDXC)
SIM Card Slot	1 x SIM card slot	**Video**	1 x Micro HDMI Output (Optional)
Audio	1 x Audio combo 3.5mm audio combo jack (Mic in or Line Out) Dual Digital Mic With Noise Cancellation Dual Speaker	**Expansion Port**	1 x Expansion connector (Optional)
Indicator	4x LED Indicator for Power, Battery, HDD, RF status	**Docking Connector**	1 x 19-pin docking connector

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: 8 hours High Capacity Battery: 13 hours
Power Rating	19V DC	**Adapter**	100-240V, 50-60Hz / 19V DC

Camera

Rear Camera	8MP Rear Camera with auto-focus and LED light		

Barcode Scanner

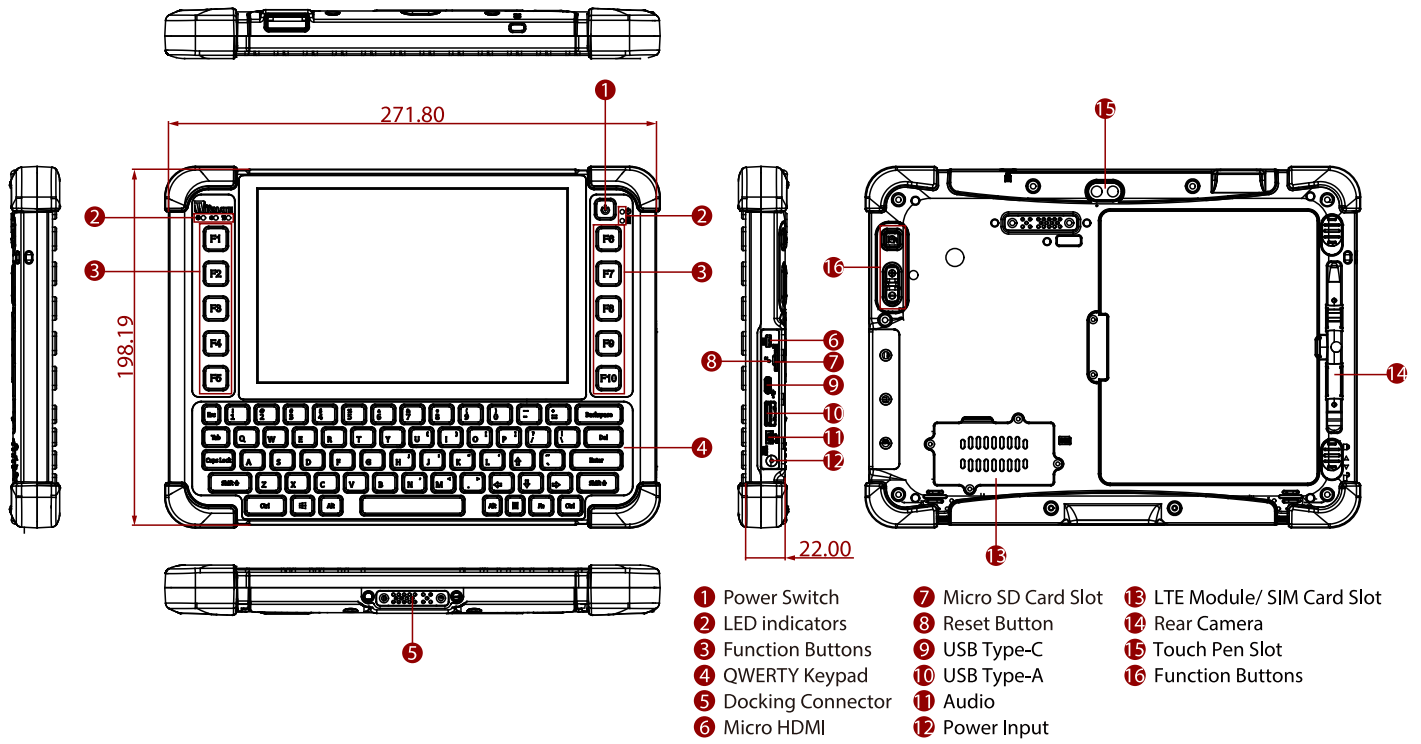|			
Barcode Scanner	1D/2D Barcode Reader (Optional)		

Control

Button	Physical Buttons: ISO/IEC 9995-3 QWERTY Keypad , IP65 water and dust proof, with LED backlight (keypad dimensions : min. 10x10mm) 1 x Power, 10 x Function Keys (programmable by Hottab)		

Security Function

SOTI MobiControl	SOTI MobiControl Compliance	**Kensington Lock**	Kensington Lock

DIMENSIONS UNIT:MM

271.80

198.19

22.00

❶ Power Switch
❷ LED indicators
❸ Function Buttons
❹ QWERTY Keypad
❺ Docking Connector
❻ Micro HDMI

❼ Micro SD Card Slot
❽ Reset Button
❾ USB Type-C
❿ USB Type-A
⓫ Audio
⓬ Power Input

⓭ LTE Module/ SIM Card Slot
⓮ Rear Camera
⓯ Touch Pen Slot
⓰ Function Buttons

NOTE

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