M900EKN

8" Windows Rugged Tablet with Intel® Celeron® N6211

KEY FEATURES

- Intel Celeron N6211 Elkart Lake Processor rugged tablet PC
- 8" 1280x 800 IPS LED panel with direct optical bonding
- Integrated GigaLAN Port
- USB 3.0 type A, USB 3.0 type C connectors
- Sunlight readable with antiglare solution
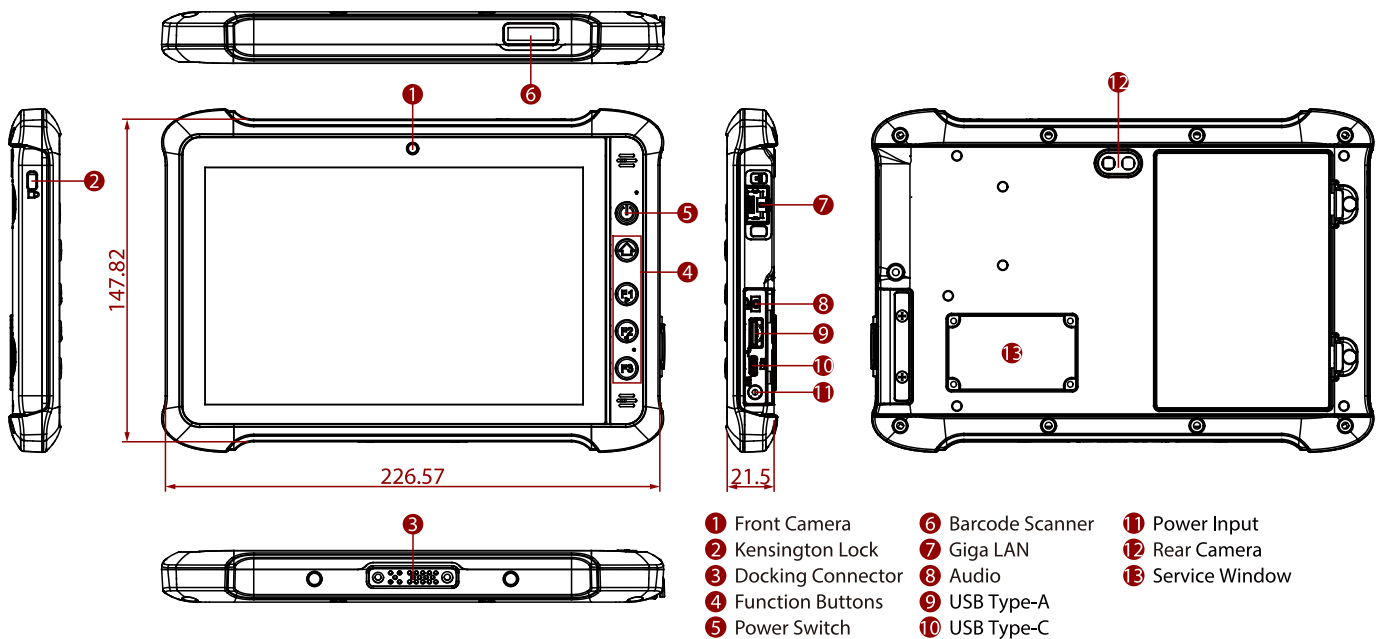- Projected capacitive (PCAP) multitouch
- IP65 waterproof and dustproof

CE FC

SPECIFICATIONS

Display

Type	Projected Capacitive Multi Touch	**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		

System Specification

Processor	Intel Celeron N6211 1.2 GHz (turbo boost up to 2.60 GHz) Intel Pentium N6415 1.2 GHz (turbo boost 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
Operating System	Windows 10 IoT Enterprise LTSC (64 bit) Windows 11 IoT Enterprise LTSC (64 bit) (Optional)	**WLAN**	Support
BT	Support	**WWAN**	4G LTE (Optional) 5G (Optional)
GNSS	GPS, GLONASS	**RFID**	Mutually Exclusive with Barcode Reader HF RFID Reader 13.56 MHz (Optional) LF RFID Reader 125 KHz (Optional)
Sensors	Light sensor/ G-sensor / Gyro	**Smart Card Reader**	Smart Card Reader Comply with ISO7816-1.2.3 T=1 and T=Ø protocol (Optional)

Camera

Front Camera	2MP Front Camera	**Rear Camera**	8MP Rear Camera with Autofocus and LED Light

Mechanical

Dimension	225 x 148 x 20.5 mm (10 x 7.76 x 0.8 inches)	**Weight**	0.9 kg with battery
Cooling System	Fanless design		

IO Ports

USB Port	1 x USB 3.0 (Type A), 1 x USB 3.0 (Type C)	**SD Card Slot**	1 x Micro SDXC Slot
SIM Card Slot	1 x Micro SIM card slot	**Audio**	1 x Audio combo 3.5mm audio combo jack Dual Digital Mic With Noise Cancellation Dual Speaker

LAN	1 x RJ45-10/100/1000 GigaLAN port	**Indicator**	4x LED Indicator for Power, Battery, HDD, RF status
Docking Connector	1 x 19-pin docking connector		

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, 5 ft		

Certification

Certification	CE, FCC

Security Function

SOTI MobiControl	SOTI MobiControl Compliance

Control

Button	1 x Power,1 x menu, 3 x Programmable Function Keys

Power

Battery	7.6V, typ. 4200 mAh Li Polymer Battery (2S2P)	**Battery Operating Time**	Standard. Battery: 6 hours
Power Rating	19V DC	**Adapter**	100-240V, 50-60Hz / 19V DC

Accessory

Accessory	Adapter and Power Cord Standard Battery Pack	**Optional Accessory**	Desk Dock (Optional) Vehicle Dock (Optional) USB-A Cable (Optional) Battery Charger (Optional) Vehicle Charger (Optional) Hand Strap (Optional) Vehicle Cradle (Optional) LAN Cable (Optional) Capacitive Stylus (Optional)

Barcode Scanner

Barcode Scanner	1D/2D barcode reader (Optional)

DIMENSIONS UNIT:MM

147.82

226.57

21.5

❶ Front Camera
❷ Kensington Lock
❸ Docking Connector
❹ Function Buttons
❺ Power Switch
❻ Barcode Scanner
❼ Giga LAN
❽ Audio
❾ USB Type-A
❿ USB Type-C
⓫ Power Input
⓬ Rear Camera
⓭ Service Window

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NOTE

1.This is a simplified drawing and some components are not marked in detail.
2.Please contact our sales representative if you need further product information.
3.All specifications are subject to change without prior notice.
4.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.