

M900EK 8" Windows Rugged Tablet with Intel(R) Celeron(R) N6211

Manufacturer part number: M900EK | Windows Rugged Tablets



Explore Winmate M900EK, a rugged tablet PC featuring Intel(R) Celeron(R) N6211, 8-inch display with 1280x800 resolution, IP65 for field service and inspection.

Display	
Size	8.0 inches
Type	Projected Capacitive Multi Touch
Resolution	1280x800
Panel Brightness	800.0 nits
Contrast Ratio	1500:1
View Angles	80,80,80,80
Bonding	Optical Bonding for Sunlight Viewability
System Specification	
Processor	Intel Celeron N6211 1.2 GHz (turbo boost up to 2.60 GHz) (Default), Intel Pentium N6415 1.2 GHz (turbo boost up to 3.00 GHz) (Optional)
Memory	4GB (Default), 8GB (Optional)
Storage	128GB SSD, Additional storage available with micro SDXC card slot (Default), 256GB SSD (Optional), 512GB SSD (Optional)
Smart Card Reader	Smart Card Reader, Comply with, ISO7816-1.2.3 T=1 and T=O protocol (Optional)
Security	Trusted Platform Module (TPM) 2.0
Operating System	Windows 11 IoT Enterprise LTSC (64 bit) (Default), Windows 10 IoT Enterprise LTSC (64 bit) (Optional)
WLAN	Support
BT	Support
WWAN	4G LTE (Optional)
GNSS	GPS, GLONASS
RFID	Mutually Exclusive with Barcode Reader (Default), HF RFID Reader 13.56 MHz (Optional), LF RFID Reader 125 KHz (Optional)
Sensors	Light sensor/ G-sensor / Gyro
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, support Power Delivery 20V In)
Audio	1 x Audio combo 3.5mm audio combo jack, Dual Digital Mic With Noise Cancellation, Dual Speaker
SD Card Slot	1 x Micro SDXC Slot
SIM Card Slot	1 x Micro SIM card slot
Expansion Port	1 x 15pin D-sub connector
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 deg C to 60 deg C
Storage Temperature	-30 deg C to 70 deg C (-22 deg F to 158 deg F)
Shock	MIL-STD-810H Method 516.8 Procedure I
Vibration	MIL-STD-810H Method 514.8 Procedure I
Drop	MIL-STD-810H Method 516.8 Procedure IV, 5 ft
IP rating	IP65
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	20V DC
Adapter	100-240V, 50-60Hz / 20V 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)