

M101EKB 8" Windows Rugged Tablet PC with Intel(R) Celeron(R) N6211

Manufacturer part number: M101EKB | Tablet for Vehicle Mount Computers



Winmate M101EKB vehicle-mounted computer features an Intel Celeron processor, hot-swappable battery, QWERTY keyboard, and PCAP touchscreen for reliable warehouse and logistics operations.

Display	
Size	8.0 inches
Resolution	1280x800
Type	Projected Capacitive Multi Touch
Panel Brightness	800.0 nits
Contrast Ratio	1500:1
View Angles	80,80,80,80
Bonding	Optical Bonding for Sunlight Viewability
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) (Default), Intel Pentium N6415 @1.20 GHz (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	Add-on Smart Card Reader (Optional)
Security	Trusted Platform Module (TPM) 2.0, Kensington Lock
Operating System	Windows 11 IoT Enterprise LTSC (64 bit) (Default), Windows 10 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
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, 4 ft
IP rating	IP65
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)
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
SD Card Slot	1 x Micro SD Card slot (Support SDXC)
SIM Card Slot	1 x SIM card slot
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) (Default), 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