

M101AD-EX 10.1" Windows ATEX Rugged Tablet with Intel(R) Core(TM) i5-1235U

Manufacturer part number: M101AD-EX | Windows Rugged Tablets



Explore Winmate M101AD-EX, a rugged tablet PC featuring Intel(R) Core(TM) i5-1235U, 10.1-inch display with 1920x1200 resolution, IP65...

Display	
Size	10.1 inches
Resolution	1920x1200
Type	Projected Capacitive Multi Touch
Panel Brightness	800.0 nits
Contrast Ratio	800:1
View Angles	85,85,85,85
Bonding	Optical Bonding for Sunlight Viewability
Viewability	Anti-Glare touch treatment
System Specification	
Processor	Intel Core i5-1235U (up to 4.4GHz)
Memory	8GB (Default), 16GB (Optional), 32GB (Optional)
Storage	128GB SSD, Additional storage available with micro SDXC card slot (Default), 256GB SSD (Optional), 512GB SSD (Optional), 1TB SSD (Optional), 2TB SSD (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 LTE (Optional), 5G (Optional)
GNSS	GPS, GLONASS
RFID	HF RFID reader 13.56 MHz (Optional)
Sensors	Light sensor/ G-sensor / Gyro
Camera	
Front Camera	2MP Front Camera
Rear Camera	8MP Rear Camera with auto-focus and LED light
Mechanical	
Dimension	271.5 x 198.2 x 23.3 mm
Weight	1.2 kg
Cooling System	Fan Design

IO Ports	
USB Port	1 x USB 3.0 (Type A), 1 x USB 3.0 (Type-C support Power Delivery 20V In and ALT mode)
LAN	1 x RJ45-10/100/1000 GigaLAN port
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 Nano SIM card slot
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	-10 deg C to 50 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, Hazardous Location Safety:, IECEx Class I, Zone 2, Ex ic IIC T4 Gc, ATEX Class I, Zone 2, II 3G Ex ic IIC T4 Gc , Class I, Division 2, Groups A, B, C, D, T4, KCs Ex ic IIC T4 Gc
Security Function	
SOTI MobiControl	SOTI MobiControl Compliance
Kensington Lock	Kensington Lock Support
Control	
Button	1 x Power, 1 x Home, 2 x volume key, 2 x Programmable function Keys
Power	
Battery	Hot-swappable 11.55V, typ. 4558 mAh Li-Polymer Battery (3S2P)
Battery Operating Time	Standard. Battery: 8 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), Vehicle Charger (Optional), Hand Strap (Optional), Shoulder Strap (Optional), Carry Bag (Optional)
Barcode Scanner	
Barcode Scanner	1D/2D barcode reader (Optional)