



TG101AD 10.1" Intel(R) Core(TM) i5-1235U Windows Rugged Tablet Controller

Manufacturer part number: TG101AD | Rugged Tablet Controller



Explore Winmate TG101AD, a rugged tablet PC featuring Intel(R) Core(TM) i5-1235U, 10.1-inch display with 1920x1200 resolution, IP65 for field service and inspection.

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	AG+AF touch treatment
System Specification	
Processor	Intel(R) Core(TM) i5-1235U 3.3GHz(up to 4.40 GHz)
Memory	8GB RAM, up to 32GB
Storage	128GB, up To 2TB SSD
Security	Trusted Platform Module (TPM) 2.0
Operating System	Windows 10 IoT Enterprise LTSC (64 bit), Windows 11 IoT Enterprise LTSC (64 bit) (Optional), Linux Ubuntu 22.04 / 24.04 (Optional)
WLAN	Support
BT	Support
WWAN	4G LTE (Optional), 5G (Optional)
GNSS	GPS/GLONASS
Mechanical	
Dimension	317.75 x 188.87 x 35.8 mm
Weight	1.6kg
Cooling System	Fan Design
IO Ports	
USB Port	1 x USB 3.0 (Type-A), 1 x USB 3.0 (Type C)
Video	1 x micro HDMI output(Optional)
Audio	2x Speaker

Environment	
Operating Humidity	10% to 90% RH, non-condensing
Operating Temperature	-20 deg C to 60 deg C (AC mode), -10 deg C to 50 deg C (Battery mode)
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
IP rating	IP65
Certification	
Certification	CE, FCC
Control	
Button	8 x Buttons
Power	
Battery	10.9 V, typ. 6700 mAh Li-Ion Removable Battery (3S2P)
Battery Operating Time	Standard Battery : 10.5hrs
Power Rating	19V DC
Adapter	PD Adapter 100W
Accessory	
Accessory	1 x PD Adapter 100W, 1 x Power Cord
Optional Accessory	M10 Push-pull Power Cable, DC Plug Type, M10 Push-pull LAN (Mutually exclusive with Microhard RF Module) , Microhard pMDDL2450 (Mutually exclusive with LAN)