

M156AD-M3 15.6" Windows Rugged Tablet PC with Intel(R) Core(TM) i5-1235U

Manufacturer part number: M156AD-M3 | Windows Rugged Tablets



With discrete GPU

Explore Winmate M156AD-M3, a rugged tablet PC featuring Intel(R) Core(TM) i5-1235U, 15.6-inch display, IP65, MIL-STD-810H for field service and inspection.

Display	
Size	15.6 inches
Type	Projected Capacitive Multi Touch
Resolution	1920x1080
Panel Brightness	800 nits(Default), 1000 (Optional)
Contrast Ratio	800:1
View Angles	85,85,85,85
Bonding	Optical Bonding for Sunlight Viewability
System Specification	
Processor	Intel Core i5-1235U (up to 4.4GHz)
Memory	8+8GB (Default), 16+16GB (Optional), 32+32GB (Optional)
Storage	128GB SSD (Default), 256GB SSD (Optional), 512GB SSD (Optional), 1TB SSD (Optional), 2TB SSD (Optional), 2nd storage available with up to 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
Discrete GPU	M3: A500 MXM Graphic card (Optional)
Camera	
Front Camera	2MP Front Camera
Rear Camera	8MP Rear Camera with auto-focus and LED light
Mechanical	
Dimension	387.7 x 256.1 x 27.5 mm
Weight	2.8kg

Cooling System	Fan Design
IO Ports	
USB Port	3 x USB 3.0 (Type A), 1 x USB 3.0 (Type C)
LAN	2 x RJ45-10/100/1000 GigaLAN port
Video	2 x HDMI 4K Output (Optional)
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	2x LED Indicator for Power, Battery
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
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, 3 ft
IP rating	IP65
EMC	MIL-STD-461G CE101, CE102, RE101, RE102, CS118 (Default), MIL-STD-461G CS101, CS114, CS115, CS116, RS101, RS103 (Optional)
Certification	
Certification	CE, FCC
Security Function	
SOTI MobiControl	SOTI MobiControl Compliance
Kensington Lock	Kensington Lock Support
Control	
Button	1 x Power,, 3 x Programmable Function Keys
Power	
Battery	Hot-swappable 2 x 11.55V typ. 3220 mAh Li-Ion Battery (3S1P)
Battery Operating Time	Standard. Battery: 11 hours
Power Rating	19V DC
Adapter	100-240V, 50-60Hz, 230W / 20V DC
Accessory	
Accessory	Adapter and Power Cord, Capacitive Stylus, Top Handle, Standard Battery
Optional Accessory	Spare Battery (Optional), High Capacity Battery (Optional), Battery Charger (Optional), Kick-stand (Optional)