



JLT MT5010AD

10.1" Fully Rugged Windows Tablet



Rugged Performance in a Compact 10.1-Inch Tablet

JLT MT5010AD series rugged tablet delivers robust performance, versatility, and durability for demanding environments.

It has a 10.1" display that is easy to read in sunlight. The screen uses antiglare technology and direct optical bonding. It works with Windows or Android for smooth compatibility.

The MT5010AD series is built to resist water and dust with an IP65 rating. It meets MIL-STD-810H standards and has hotswappable battery options. This design ensures it works well in tough conditions. It is perfect for fieldwork, industrial tasks, and data collection.

Key Features

- ✓ Intel® Core™ i5-1235U Alder Lake processor
- ✓ 10.1" 1920 x 1200 IPS LED panel with direct optical bonding
- ✓ Sunlight readable with antiglare solution
- ✓ Hot-swappable battery design
- ✓ USB Type-C port support PD 3.0 and ALT mode
- ✓ Integrated GigaLAN port
- ✓ MIL-STD-461G and MIL-STD-810H compliant
- ✓ IP65 waterproof and dustproof

Highlights



Extended functionality

Get more out of your device with the right accessories.



Maximized uptime

Total peace of mind with JLT:Care, the no-questions-asked service agreement from JLT.



Perfect for work outside of the vehicle

The slim and compact format makes this tablet the perfect choice for remote work.



www.jltmobile.com

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Base Unit

Processor	Intel Core i5-1235U (up to 4.4GHz)
Memory	8GB DDR5 SDRAM, 16GB DDR5 SDRAM (optional) 32GB DDR5 SDRAM (optional)
Display	10.1" (1920x1200) 800 NIT Optical bonding for sunlight viewability Projected capacitive multi touch Anti-glare touch treatment

Storage

256GB M.2 NVMe SSD
Additional storage available with micro SDXC card slot
512GB M.2 NVMe SSD (optional), 1TB M.2 NVMe SSD (optional)
2TB M.2 NVMe SSD (optional)

RF Options

Radio	WLAN support Bluetooth support
WWAN	4G LTE (optional), 5G (optional)
GNSS	GPS, GLONASS
RFID	HF RFID reader 13.56 MHz (optional)

Operating System

Windows 11 IoT Enterprise LTSC (64 bit)
Windows 10 IoT Enterprise LTSC (64 bit) (optional)

Sensors

Light sensor
G-sensor
Gyro

Physical Characteristics with Standard Battery

Dimensions	271.5 x 198.2 x 23.3 mm
Weight	1.2 kg
Cooling System	Fan design

Security

SOTI MobiControl	SOTI MobiControl compliance
Kensington Lock	Kensington lock support

Certification

CE, FCC

Power Supply

Battery	Hot-swappable 11.55V, typ. 4558 mAh Li-Polymer battery (3S2P) Optional 15.4V, typ. 5900 mAh Li-Polymer battery (4S1P)
Operating Time	Standard battery: 8 hours
Power Rating	19V DC
Adapter	100-240V, 50-60Hz / 19V DC

Interfaces

Ports	1 x USB 3.0 (Type-A), 1 x USB 3.0 (Type-C support power delivery 20V In and ALT mode) 1 x Micro SDXC slot 1 x Nano SIM card slot
Audio	1 x Audio combo 3.5mm audio combo jack Dual digital mic with noise cancellation Dual speaker
Camera	Front: 2MP camera Rear: 8MP with autofocus and LED light
Data Capture	1D/2D barcode reader (optional)
Keys	1 x Power, 1 x Home 2 x Volume key 2 x Programmable function keys
LED Indicator	4x LED Indicator for power, battery, HDD, RF status
Connector	1 x 19-pin docking connector
LAN	1 x RJ45-10/100/1000 GigaLAN port

Environment

Operating Humidity	10% to 90% RH, non-condensing
Operating Temperature	-20° C to 60° C
Storage Temperature	-30° C to 70° C (-22° F to 158° F)
Shock	MIL-STD-810H Method 516.8 Procedure I
Vibration	MIL-STD-810H Method 514.8 Procedure I
Dust and Water	IP65
Drop	MIL-STD-810H Method 516.8, 4 ft
EMC	MIL-STD-461G CE102, RE102, CS118 (default) MIL-STD-461G CS101, CS114, CS115, CS116, RS103 (optional)

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