



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

JLT MT50107AD 10.1" fully rugged Windows tablet

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

Dimension

271.5 x 198.2 x 23.3 mm

Weight

1.2 kg

Cooling System

Fan design

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)

SECURITY

SOTI MobiControl

SOTI MobiControl compliance

Kensington Lock

Kensington lock support

CERTIFICATION

CE, FCC