



VM3010A

10" vehicle-mount Android computer

Android VMT for Warehouse Applications

The VM3010A is an Android-based rugged vehicle-mounted computer that features a high-performance Qualcomm® Snapdragon™ 660 Octa-core CPU. The computer showcases enterprise mobility in a vehicle-mount computer form factor thanks to its rich I/O ports and versatile wireless connectivity options. The unit provides extra flexibility with the design of the dock including a one-click top latch that allows for easy removal of the device.

Engineered to fit seamlessly into forklifts and other warehouse vehicles with its wide range of power input and power isolation, the VM3010A computer helps minimize errors, streamline inventory management and improve operational efficiencies.



KEY FEATURES

- Qualcomm® Snapdragon™ 660 Octa-core CPU
- 10.4" 1024 x 768 Panel with PCAP touchscreen
- Field replaceable front panel to reduce service costs
- Magnesium alloy housing
- Built-in Wi-Fi and Bluetooth 5.0
- IP65 waterproof and dustproof
- Wide range -30°C to 50°C operating temperature

HIGHLIGHTS



Android running on Qualcomm Snapdragon RISC processor

The choice for running Android-based applications in the warehouse



Flexible dock with a one-click top latch

Enables quick and easy mount or removal for service or removal at end of a work shift



Maximized uptime

Complete peace of mind with JLT:Care: the no-questions-asked service agreement from JLT

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BASE UNIT

Processor

Qualcomm® Snapdragon™ 660 Octa-core CPU

Memory

3GB LPDDR4

Display

10.4" (4:3) 1024 x 768 LED 400NIT

Contrast Ratio 1200:1, Viewing Angle 88/88/88/88

Projected capacitive 10-point multi-touch, stylus support

Light sensors for adjustable auto-dimming

STORAGE

Boot Media

32GB eMMC, Additional storage with Micro SD card slot

RF OPTIONS

Radio

WLAN 802.11 a/b/g/n/ac

Bluetooth v5.0

4G (LTE) (optional)

GPS

GPS on docking

INTERFACES

Computer

1 x Dual-Nano SIM Card Slot

1 x Micro SD Card Slot

1 x USB 3.0 Type C (OTG)

1 x 12V DC in power input jack

Dock

2 x RS232 with 5V

2 x USB 2.0 Port in 1 DB9 Connector

1 x CANBus or 1 x Audio 2

1 x Gigabit Ethernet

1 x Power

5 x SMA Connectors (female) for external antennas (WLAN, GPS, WWAN)

Audio

2 x 3W speakers on docking

Camera (front)

2MP webcam, reading light

Buttons

1 x power

6 x function keys (programmable)

LED indicators

Wi-Fi, Bluetooth, UPS battery, HDD, Screen Blanking, Heater

SECURITY

Mobile Device Management

SOTI Mobicontrol compatible

POWER SUPPLY

Input

10-60 VDC isolated

Ignition control

UPS

7.6V Battery (2S1P) to avoid sudden shutdown at unexpected power outages

OPERATING SYSTEMS

Android

Android 9.0

PHYSICAL CHARACTERISTICS

Dimensions computer

268 mm (w) x 214 mm (h) x 35 mm (d)

10.6 inches (w) x 8.42 inches (h) x 1.37 inches (d)

Dimensions dock

202 mm (w) x 245 mm (h) x 52 mm (d)

7.9 inches (w) x 9.6 inches (h) x 2.04 inches (d)

Weight computer

1.7 kg, 3.75 lb Dock: 1.6 kg, 3.53 lb

ENVIRONMENT

Operating temp.

AC mode: -30°C to 50°C / -22°F to 122°F

Battery mode: -10°C to 50°C / 14°F to 122°F

Storage temp.

-30°C to 60°C / -22° to 140°F

Humidity

5% to 90% RH, non-condensing

Dust and water

IP65 certified

Vibration

MIL-STD-810G Method 514.6 Procedure I

Shock

MIL-STD-810G Method 516.6 Procedure I

Impact

Support EN62262 IK70 rating

ESD

Compliant with EN 61000-4-2, enhanced ESD to ±8kV direct & ±15kV air