



# 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
- 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

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#### Processor

Qualcomm® Snapdragon™ 660 Octa-core CPU

#### Memory

3GB LPDDR4

#### Display

10.4" (4:3) 1024 x 768 LED 400NIT (800NIT Optional)  
 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

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#### Boot Media

32GB eMMC, Additional storage with Micro SD card slot

### RF OPTIONS

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#### Radio

WLAN 802.11 a/b/g/n/ac  
 Bluetooth v5.0  
 4G (LTE) (optional)

#### GPS

GPS on docking

### INTERFACES

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#### 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

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#### Mobile Device Management

SOTI Mobicontrol compatible

### POWER SUPPLY

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#### Input

10-60 VDC isolated  
 Ignition control

#### UPS

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

### OPERATING SYSTEMS

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#### Android

Android 9.0

### PHYSICAL CHARACTERISTICS

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#### 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

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#### 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