



RuggON VM-521 Rugged Vehicle Mount PC

PRODUCT SPECIFICATIONS

DURABILITY

- MIL-STD-810G Tested Shock & Vibration
- IP66 Tested
- Die-Cast Aluminum Alloy Housing

PROCESSOR

- Intel® Quad Core ATOM E3845 1.91GHz (Bay Trail-I)

OPERATING SYSTEM

- Windows Embedded 7, 8, or 8.1 Industry 64-bit
- Windows 7 Professional 64-bit
- Linux

DISPLAY

- 10.4-inch 1024 x 768 XGA
- 70000 hrs backlight life
- Sunlight readable: 1000 nits; Hyper dimming: 0.1 nits
- Anti-reflection tempered 5-wire resistive touch panel
- Optional Optical Bonding/PCT (Gorilla Glass)/defroster

STORAGE & MEMORY

- 4GB DDR3L RAM memory, (Optional 8GB)
- 64GB SATA SSD

BATTERY

- Isolated 9~36VDC or 18~60VDC
- HW design ready for delay time on/off
- UPS integrated (7.4V/3,000 mAh)

INTEGRATED COMMUNICATIONS

- Wireless LAN: 802.11 a/b/g/n/ac
- Bluetooth® 4.0
- GNSS (GPS /QZSS or GLONASS)
- 5-wire Resistive Touch Digitizer
- Built-in internal antenna and External Antennas:
 - External RP-SMA connectors for WLAN/WWAN
 - External RP-SMB connector for GPS
- Keyboard/keys: Onscreen, Optional External
- Optional WWAN
- Optional MRZ reader+ MSR 2-in-1 module
- Optional 2D barcode reader + MSR 2-in-1 module
- Optional Video Capture- 4 channel

I/O INTERFACES

- USB 2.0 (2)
- Gigabit Ethernet (2)
- COM (RS-232 (1) with 5V, RS-422/485 (1)
- SD slot (1)
- Waterproof Speaker (2)
- Stereo micro/line-in (1) & Stereo HD audio (1)
- Audio Jack (1)
- Expansion 2 x mini PCIe

CAMERA

- None
- Optional Video-in; up to 4 Ports (SDK included)

ENVIRONMENTAL

- Operating temperature: -22 °F to 131 °F (-30 °C to 55 °C)
- Ingress protection: IP66 (totally dustproof, sealed against strong jets from all directions)
- Humidity: MIL-STD-810G Method 507.5 Humidity Procedure II Aggravated Cycles (Fig 507.5-7), 5 to 95% non-condensing
- Shock: MIL-STD-810G Method 516.6 Procedure 1 Functional Shock (40g, 11ms)
- Vibration: MIL-STD-810G, common carrier/composite two-wheeled trailer/composite wheeled vehicle
- Altitude: Unknown

DIMENSIONS/WEIGHT

- 10.8" x 9.9" x 2.7" (275mm x 252mm x 68mm)
- 3.8kg (8.4 pounds)

CERTIFICATIONS

- CE, FCC, CB, CCC



Group Mobile
5590 W. Chandler Blvd. Suite 3
Chandler, AZ 85226
Toll Free: 1-866-RUGGED8
www.GroupMobile.com