



VM521

The strong In-Vehicle Computer, ready for work!

The fully rugged VM521, 10.4 inch robust vehicle mount computer is designed for transportation, warehouse and material handling applications and is ready to be mounted on any working vehicle.

Adopting the Intel Quad Core Atom processor (Bay Trail) it integrates the night vision and sunlight readable LCD with the 5-wire resistive touch panel.

The chassis is made of lightweight aluminium alloy. The construction is fanless and is compliant to IP66.

This "rugged outside" and "powerful inside"-VM521 makes it ready to meet the heavy challenges of today's work life.

For more information, please contact
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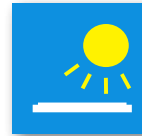
Intel® Quad Core ATOM E3845 1.91GHz (Bay Trail-I)



Microsoft® Windows 7®
Microsoft® Windows 8®
Microsoft® Windows 10®
Linux®



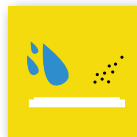
Robust design



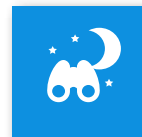
Sunlight readable display



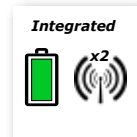
WiFi, Bluetooth 4.0, GNSS, WWAN, WLAN



Water and Ingress protection. IP66.



Night vision



Built-in battery and antennas, ports for external antennas

Technical data¹⁾

DESCRIPTION

- **Product name:** VM521 *In Vehicle*

DISPLAY

- **Size:** 10.4"
- **Resolution:** (1024x768 XGA)
- **Touch screen:** Touch screen. Anti-reflection tempered 5-wire resistive touch panel.

PLATFORM

- **Processor:** Intel® Quad Core ATOM E3845 1.91GHz (Bay Trail-I)
- **Memory:** 4GB DDR3L standard, upgradeable to 8GB
- **Storage memory:** 64GB SATA SSD

OPERATING SYSTEMS

- Microsoft® Windows 7®
- Microsoft® Windows 8®
- Microsoft® Windows 10®
- Linux®

NAVIGATION

- GNSS

ENVIRONMENTAL

- **Rugged features**
- Water and ingress protection rated to IP66
- Shock and vibration rated to MIL-STD-810G.
- 5 feet drop test (OCF).
- **Operating temperature:** -22°F till ~ 131°F (-30°C ~ 55°C)
- **Operating humidity:** 5% – 95% RH (non condensing)

COMMUNICATIONS

- WiFi 802.11 b/g/n/ac
- Bluetooth 4.0
- Built-in antennas
- Connections for external antennas
- WWAN-WLAN

I/O-PORTS

- 2 x Gigabit Ethernet ports
- 2 x COM ports (RS-232 5V + RS-422/485)
- 2 x USB ports 2.0
- 2 x CANBUS ports
- Stereo micro in port
- Stereo HD in
- Docking connector
- SD port
- 2 speakers (waterproof and front mounted)

BATTERY

- 9-36VDC or 18-60VDCAh
- Built-in battery (3,000 mAh/7.4V)

DIMENSIONS (LxBxH)

- 108x99.2x26.5 inches (276x252x67.3 mm)

WEIGHT

- 8.4 pounds²⁾ (3.8kg²⁾)

FEATURES

- Frame in one-piece moulded aluminium lightweight alloy
- Fanless construction
- Mounting points for VESA (75x75, 100x100 mm)

CERTIFICATIONS

- CE, FCC, CB

OPTIONS

- Display with extra hardened *Gorilla glass*
- Expansion module, 4 ports (Software development kit)
- Screen with defroster

ACCESSORIES

- Screen protect
- Car charger 12V

¹⁾ The technical data are subject to change without notice

²⁾ No accessories mounted



Forest it Design

Forest it Design is a leading provider of rugged mobile computers, all-in-One PC:s, measurement instruments and GPS/GNSS solutions. The company has offices in Sweden, UK, Germany and Finland.

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