

# MVT-2110

10.1", P-CAP Touch Panel, Intel Core I5-6200U, Vehicle Mount Computer with All M12 Connectors



## Introduction

MVT series are rugged vehicle computers launched by Darveen for mining and other industries. They are equipped with Intel I5-6200U low-power processor. They can fully utilize Microsoft Windows data processing capabilities in mobile vehicle and improve application and network management capabilities while maintaining the flexibility and easy running of multitasking applications. It complies with STD-MIL-810G and IP65 standards, can operate freely in the most severe environments.

MVT-2110 adopts 10.1-inch LCD screen and industrial resistance touch panel, 8~36V wide voltage DC input power management with Power ignition delay switch function, and built-in temperature control module, optional 802.11a/b/g/n/ac, Bluetooth V4.0, full Netcom LTE, dedicated network 1.4G/1.8G LTE, GPS/GNSS/Beidou, CAN2.0B and other modules all of which make it suitable for the dispatching management of vehicles in the mining industry.

## Features

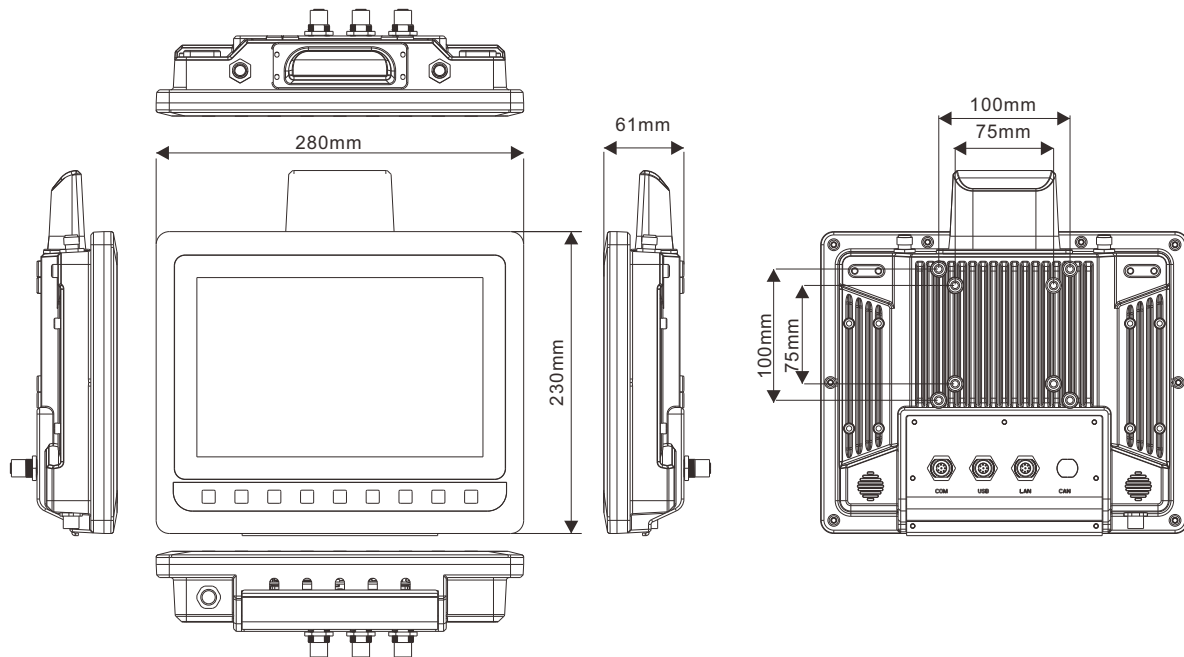
- 10.1" Industrial LCD Screen with P-cap Touch Panel
- Intel® Core™ I5-6200U Processor
- Rugged and fanless Design, IP65
- 8-36V DC Input, with Ignition intelligent Switch Function
- USB, RS-232/422/485, LAN, DIO, etc.
- Optional WiFi, Bluetooth, LTE, GPS, CAN2.0

## Applications

- Manufacturing Logistics
- Warehouse Management
- Vehicle Management of Driving School



## Dimensions



## Specifications

### System

CPU	Intel® Core™ i5-6200U
Memory	1 x SO-DIMM DDR4 (Up to 16GB)
Storage	1 x Full-size Mini-PCIe for mSATA SSD
Operating System	Windows 7/10, Linux

### Display

Size	10.1-Inch
Resolution	1280 x 800
Brightness	400 cd/m²
Backlight	LED
LED Lifetime	50000 Hrs

### Touchscreen

Type	P-CAP Touch
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### Keypad & Keyboard

Power Switch	Power Switch
Brightness	Brightness Adjustable
Function Key	Custom Function Keys F1~F6

### I/O Connectors

Serial Port	2 x RS-232/485
USB Port	2 x USB2.0
Ethernet	1/2 x GbE LAN
DIO	4 in & 4 out, with 3.3V power (Optional)
CAN Bus	2 x CAN2.0B (Optional, compatible CAN2.0A, support J1939 protocol and in accordance with ISO 11898-1/2/3)
Others	1 x DC-IN

### Audio

Speaker	2 x Speaker (8ohm, 2W)
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### RF Communication

WLAN	802.11a/b/g/n/ac (Optional)
WWAN	4G LTE (Optional, LTE, HSPA+, EDGE, GSM/GPRS)
Bluetooth	Bluetooth 4.0 (Optional)
GNSS	GPS/Beidou/Glonass (Optional)

### Power Management

Power Input	DC 8~36V
Power Consumption	24W(Typ.)
Ignition On/Off	Delay start, default 10 seconds Delay shutdown, default 10 seconds; (The time can be adjusted by Jumper) Hardware power off time is 30 seconds after the device detects the Ignition signal

### Environmental

Operating Temperature	-20~60°C
Relative Humidity	5%-90%, @ 40°C (non-condensing)
IP Level	IP65
Shock and Vibration	MIL-STD-810G Method 516.6 Procedure I MIL-STD-810G Method 514.6 Procedure I
Certifications	CE, FCC

### Mechanical

Material	Aluminum
Mounting Mode	VESA-mount
Dimension (W x L x H)	280 x 230 x 69 mm
Weight	3.3Kg

### Packing List

1 x MVT-2110
1 x AC-DC Power Adapter
1 x Certificate
1 x Warranty Card