

RUGGON

Always on Rugged



VULCAN 10A

10.4" Vehicle Mount Computer



IP66



MIL-STD-810H



1200 nits



CANBUS

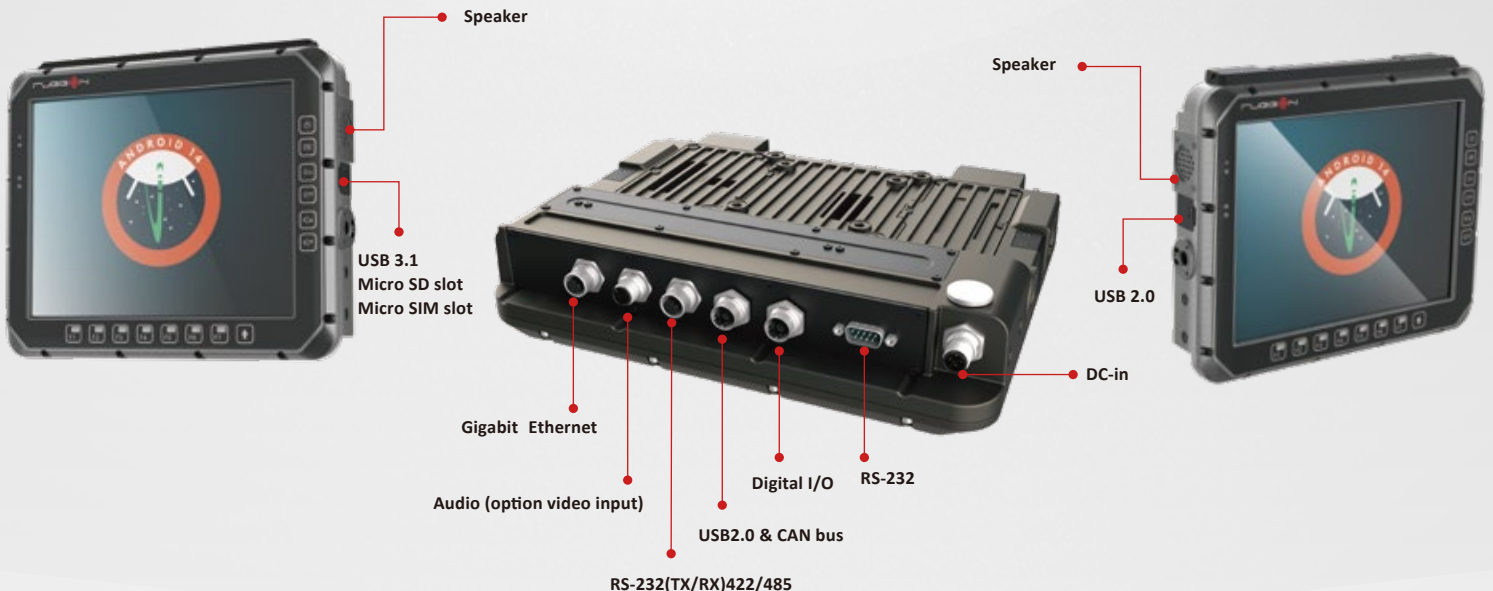


SAE J1939



9~60VDC

- ◆ Outdoor display optimizes visibility for day or night
- ◆ The screen defroster option for cold storage applications
- ◆ IP66, MIL-STD-810H and IEC-60721-3-5 5M3 certified
- ◆ Supports CAN bus 2.0B, SAE J1939
- ◆ Complete communication supports fast roaming
- ◆ Rich I/O design for maximum utilization
- ◆ Smart power management with wide power input to fulfill diversified applications
- ◆ CVBS video input option



Specifications

System

- ◆ Qualcomm® QCS™ 6490 Octa-Core, 2.7GHz
- ◆ 8GB LPDDR4x SDRAM
- ◆ 128GB UFS storage
- ◆ Built-in 6-axis G-sensor, dual speaker
- ◆ OS : Android 14, Google Mobile Services (GMS) certified

Display

- ◆ 10.4" XGA TFT LCD with LED backlight (1024 x 768)
- ◆ 1200 nits brightness supports auto-dimming
- ◆ PCT touchscreen supports glove and rain mode

Communication

- ◆ Wi-Fi 802.11 ax & 802.11 v/r/k (Fast Roaming)
- ◆ Bluetooth V5.2
- ◆ Optional 4G LTE / HSPA+ / GPRS / 5G (Telit/Sierra)
- ◆ Optional GNSS (GPS/Galileo/GLONASS/BeiDou)

I/O Interface

- ◆ RS-232 with power supported x 1
- ◆ RS-232(TX,RX)/422/485 x 1, RS-232(TX,RX) x 2, RS-485 x 2
- ◆ Gigabit Ethernet x 1
- ◆ USB 3.1 x 1, USB 2.0 x2, USB 3.1 type C x 1 (DP Alt Mode supported)
- ◆ Micro SD slot x 1, Micro SIM slot x 1, eSIM x1
- ◆ CAN bus 2.0B or SAE J1939 x 1
- ◆ DI x 2, DO x 2, Mic in x 2, Line out (L/R) x 1
- ◆ Optional video input

Function Button

- ◆ Programmable button x 7, brightness adjustment x 2, volume adjustment x 2, display on/off x 1
- ◆ Optional defrost/ defog button x 1

Certifications

- ◆ CE, FCC, CB

Power management

- ◆ 9~60 VDC input
- ◆ Ignition sense with delay on/off setting
- ◆ Wake on RTC
- ◆ Internal battery for graceful shutdown

Rugged Features

- ◆ IP66, MIL-STD-810H, IEC 60721-3-5 class 5M3
- ◆ Operating temperature : -30°C to 60°C

Durability

- ◆ Operating temperature: -30oC to +60oC
- ◆ Storage temperature: -30oC to +70oC
- ◆ Humidity: 95%, non-condensing

Dimensions & Weight

- ◆ 276 x 234 x 57 (mm), 3.2kg

Accessories



Mounting Kit



Power Cable



Antenna



U-Shape Bracket



Keyboard Tray

