

Ruggedized Vehicle Docking Stations (RVDS)

RVD VENTURE BASED ON 12" RUGGED COMPUTER

Our cost-effective Rugged Vehicle Docks (RVDs) let you mount a rugged COTS computer in virtually any type of vehicle – tracked or wheeled, marine environment or desert, urban or out in the wild.

These rugged docks are designed and tested to MIL standards, will protect your computer and its data, and offer a wide range of connections to meet most communication standards.



- Fully ruggedized, high-performance tactical 12" rugged computer
- Complies with MIL-STD 810, 461, 1275 and IP6
- Meets the requirements for tanks, artillery and APC
- Includes a wide range of interfaces

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Tech Specs

SOFTWARE Windows 10 Pro 64 bit

CPU

Intel® Core™ i5-10310u VPro™ ProcessorCore

Intel® Core™ i7-10810u VPro™ ProcessorCore

STORAGE & MEMORY

16 / 32GB DDR4 / 2666 MHz

512 GB / 1TB / 2TB NVMe

TEMPERATURE

MIL-STD 810G, Method 501.5 & 502.5

Operating -20° F to +140° F

Non Operating -60° F to + 160° F

HUMIDITY

MIL-STD-810G, Method 507.5

VIBRATION MIL-STD-810G

Method 514.6 (Tested for M-113 APC, Namer APC, Merkava MBT)

SHOCK FUNCTIONAL

MIL-STD-810G, Method 516-6, Proc.I 40G 11ms, Saw-Tooth

EMI/RFI

MIL-STD-461F

INGRESS PROTECTION RATING IP65

CHASSIS

Aluminum (Docking)

DISPLAY

12" 3:2 QHD 2160X1440

10-point capacitive multi-touch + Waterproof Digitizer pen daylight-readable screen:

- 2-1200 nit
- Intel® UHD Graphics

CONNECTORS

- Multi-use: D38999/20WD35SN, Power In: MS3112E12-3PY, LAN 10/100: D38999/20WA35SN
- LAN 1Gbps: D38999/20WB35SN, USB2.0: 804-003-07NF6-4SB

INTERFACES

- DVI-D OUT x 1
- 10/100 Mbps Ethernet
- 1Gbps Ethernet
- USB2.0 x 2
- NFC (ISO 14443), with Otto Momentary pushbutton

OPTIONS

- Ublox GPS with TNC connector
- CANBUS
- RS-232
- RS-170 x 2 (input)
- USB2.0 x 4
- USB2.0 x 2

POWER SUPPLY

Input 16-32vdc. MIL-STD-1275D

MECHANICAL INTERFACES

- VESA
- RAM Mount
- Shock Absorbers

DIMENSIONS 330mm H x 320mm W x 110mm D

WEIGHT 5.0 Kg

COLOR Black, Other colors – Optional

WARRANTY 1-year limited warranty, parts and labor