

FORTIS 33-NAS



FORTIS 33-NAS is an advanced rugged vehicle docking and computing solution based on the Panasonic TOUGHBOOK CF-33 platform. The RVD integrates a high-performance A53 CPU-based computing module, running a Linux operating system, together with up to 2 TB of SSD storage.

DURABILITY

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)
 Connectors, MIL-STD - D38999

INTERFACES

DVI-D OUT x 1
 10/100 Mbps Ethernet x3
 1Gbps Ethernet x1
 USB2.0 x 1
 RS232 x1

POWER SUPPLY

Input 18-32vdc. MIL-STD-1275D

DIMENSIONS & WEIGHT

330mm H x 320mm W x 110mm D
 4.5 Kg

CONNECTORS

Multi-Use: D38999/20WD35SN
 Power In:MS3112E12-3PY
 LAN 10/100:D38999/20WA35SN
 LAN 1Gbps: D38999/20WB35SN

WARRANTY

1Year

COLOR

Black Anodize

INTERNAL COMPUTING

Dual core 1Ghz 64bit ARMv8 Cortex-A53
 8 Gbit DDR4 RAM (1 GB)
 Up to 32GB EMMC (up to 256 GB)
 1 Gbit port for switch
 Auto-negotiation for Ethernet speed and duplex
 Jumbo Frames support
 Low power consumption, operate from 5V +- 5%