

PATROLPC® RhinoTab® M1

ULTRARUGGED™ MDT for Police, Fire & EMS



Portability Without Compromise

PatrolPC's RhinoTab® UltraRugged™ Tablet delivers the performance of a full-sized MDT/MDC, with all the benefits and flexibility of a mobile tablet without sacrificing screen size, brightness, ease-of-use, durability, system performance and expandability. Powered by Intel's 5th Generation Core i5 and i7 processors, it's the perfect combination of form and function.

- Optimized for use In-Vehicle, On-Scene, In-Agency & At-Home
- All-in-one tablet minimizes size, weight & space consumed
- Machined aluminum frame – resistant to shock, heat & cold
- 12.1" sunlight readable & impact resistant touchscreen
- Optional embedded cellular modem & 2D scanner
- Enhanced ease-of-use, ergonomics & safety
- Flexible, customizable, scalable & future upgradable
- Extended warranty available up to 7 years
- Lowest cost of ownership & maintenance over time

AED





RhinoTab® M1 / RhinoDock® Specifications & Options



PROCESSORS

- Intel 5650U 5th Gen Core i7 (2.2/3.1 GHz, 4MB Cache)

RAM

- 2 SO-DIMM Slots for between 8GB-16GB of DDR3L-1600 RAM

GRAPHICS

- Intel HD Graphics 6000 (i7)

TOUCHSCREEN

- Projected Multi-touch Capacitive Touchscreen
- Supports Windows gestures

DISPLAY

- 1400+ NIT High-Brightness Industrial 12.1" XGA display
- Temperature Rating: -30°C to +70°C
- High Contrast Ratio: 700:1
- Wide viewing angle: 160° Horizontal, 140° Vertical
- Wide dimming range with bezel mounted brightness control for optimum viewing in all lighting environments

AUDIO

- Integrated Stereo Speakers
- Realtek ALC269 High Definition Audio Codec
- Dual digital microphone with Acoustic Echo Cancellation, Beam Forming, Noise Suppression Technology

CAMERAS

- 2MP Front-Facing Camera
- 5MP Rear-Facing Camera with high-power LED flash

DURABILITY

- Machined Aluminum Chassis
- Operating Temperature -15°F to +150°F (Fanless design)
- Fiber-reinforced high-strength plastic
- Designed to IP65 and MIL-STD 810G standards for outdoor use
- Internal seal to protect ports
- Optically-bonded chemically strengthened impact resistant touchscreen...true full-sunlight readability
- Sealing docking connector rated for 20,000 cycles

INPUT

- 2 USB 3.0 Side Ports
- 1 Hard Button
- 6 user configurable Capacitive Buttons
- 1 Capacitive Slider with user configurable modes

STORAGE

- Up to two mSATA SSD Drives
- 256 GB (240 GB usable) to 2TB (1.9 TB usable) SSD Capacity
- SSD Read/Write Speeds greater than 500MB/s

WIRELESS CAPABILITIES

- Internal Intel Wireless Dual-Band 802.11B/G/N/AC w/ Bluetooth
- Internal GPS (210 PRN channels, 66 Search channels, 22 track channels, -165 dBm sensitivity)

OPTIONS

- Internal Verizon or AT&T (FirstNet capable) Cellular Modem
- Internal Honeywell 2D eCitation Barcode Scanner

SECURITY

- Trusted Platform Module (TPM) v2.0
- SSD Hardware Encryption
- Optional internal NFC RFID reader with 13.5 MHz antenna

POWER

- Direct Vehicle Power Connection – Operating from 8V – 16V
- Vehicle Battery Voltage Monitor
- Over-voltage and reverse polarity protection
- Lithium-Ion Battery (11.1V, 4400mAh) capable of low temperature operation

RhinoDock Plus (Fully Configurable)

- Low-profile Dock Station
- 6 USB 3.0 Ports Standard (up to 10)
- 1 Gigabit Ethernet Standard (up to 4)
- 4 RF Pass-Through: GPS (1), Wi-Fi (1), Cellular MIMO (2)
- Up to 4 Expansion Slots for either additional USB 3.0 ports, Gigabit Ethernet ports, or eSATA ports with power
- 4 Ports for External Power Control and Ignition Sense Control
- 2 user controllable fans for cooling tablet in extreme conditions
- Direct Vehicle Power Connection
- 1 Mini-PCIe full size expansion card slot for 2 Optional RS-232 Serial Ports (direct hardware, not virtual)
- 1 uHDMI Video Output
- Key lockable

RhinoDock (Non-Configurable)

- Ultra low-profile Dock Station
- 4 USB 3.0 Ports
- 1 Gigabit Ethernet
- 4 RF Pass-Through: GPS (1), Wi-Fi (1), Cellular MIMO (2)
- 2 Ports for External Power Control and Ignition Sense Control
- 1 user controllable fan for cooling tablet in extreme conditions
- Direct Vehicle Power Connection
- Key lockable

OPERATING SYSTEM SOFTWARE

- Windows 10 Enterprise

DIMENSIONS & WEIGHT

- 10.99" x 9.6" x 1.15" (RhinoTab® Tablet)
- 4.4 LBS (RhinoTab® Tablet)