



MILTOPE

7037 Old Madison Pike, Suite 410
Huntsville, AL 35806
Tel: (800) MILTOPE

RTHD-3 ANDROID

*Rugged
Tactical
Handheld
Computer*



KEY FEATURES

- 6" HD LCD
- 800 nit sunlight readable display
- NVIS compatibility option
- Programmable Soft Keys
- Qualcomm Octa-Core Processor
- 12GB RAM, 256GB Mass Storage
- Tactical I/O Interface connectors
- Fully Rugged Design
- Hot swappable battery pack
- External display interface
- Ethernet and USB 3.0
- Rugged quick release high speed connector



www.mymiltope.com

SPECIFICATIONS

SYSTEM

| | |
|---------------------------|---|
| CPU | Qualcomm Octa-Core Processor |
| Operating System | Android |
| RAM | 12GB |
| Storage | 256GB Primary Storage Capacity |
| SD Card Slot | Sealed secured cover requiring special tool access |
| Display | 6" LED-backlight capacitive touch screen, 800 nits |
| Display Resolution | 1420 x 720 |
| NVIS Compatible | 0 to 20 NITS |
| Microphone Speaker | Built-in microphone (Optional remove at production) |
| Speaker | Built-in speaker (Optional remove at production) |
| Wireless Features | Wi-Fi, Bluetooth removed (Optional add at production) |
| Control/Buttons | 1 power button, 2 brightness control buttons, additional programmable buttons |

TACTICAL I/O PORTS

| | |
|-----------------|-----------------------------------|
| USB Port | USB 3.0 x 1, USB Type C x 1 |
| Ethernet | Ethernet 10/100/1000MB Base-T LAN |
| Power | DC Power In |

MECHANICAL AND ENVIRONMENTAL

| | |
|--------------------------------|--|
| AC/DC Adapter | Input: 100 - 240V AC Output: 19V DC, 3.42A |
| Battery Pack | Hot swappable battery, 7.6V, 3100mAh |
| Enclosure | ABS + PC plastics and magnesium-aluminum alloy |
| Dimensions (HxWxD) | 3.5 x 7.44 x 1.12 in/ 88.6 x 189 x 28.4 mm |
| Weight | Not greater than 1.5lbs |
| Altitude Non-Operating | Operate after exposure to 12,192m (40,000ft) Above Sea Level (ASL) |
| Altitude Operating | Operate during exposures to altitudes up to 4,572m (15,000ft) ASL. |
| Low Temp Non-Operating | MIL-STD-810H, Methods 501.7, 502.7, Procedures I and II, -51°C |
| Low Temp Operating | MIL-STD-810H Procedures II |
| High Temp Operating | MIL-STD-810H, Methods 501.7, 502.7, Procedures I and II, to +60°C |
| High Temp Non-Operating | MIL-STD-810H, Methods 501.7, 502.7, Procedures I and II, to +71°C |
| Thermal Shock | 51°C to 93°C |
| Random Vibration | MIL-STD-810H:2019, Method 514.8, Procedure I, Figure 514.8E-1, Category 24 - General minimum integrity exposure. 1Hr/axis |
| Sample condition | Non-Operating |
| Additional Vibration | 1) MIL-STD-810H:2019, Method 514.8, Procedure I, Figure 514.8C-2, Category 4-Common Carrier; 2) MIL-STD-810H:2019, Method 514.8, Procedure I, Figure 514.8C-4, Category 20 - Ground vehicles - ground mobile |
| Functional Shock | Battery installed, operates through 18 total half-sine shock pulses of 40g at 11 milliseconds. This is 3 shock pulses, + and -, in each of the 3 mutually perpendicular axes |
| Transit Drop | Operating unit drop from 4ft on 2" plywood over concrete |
| Humidity | Non-Operating 15 cycles 95% humidity, 30 degrees to 60 degrees |

BATTERY PACK



6-BAY BATTERY CHARGER



TACTICAL VEST MOUNT

