Panther DT10-M

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Based on the well proven Panther DR10, the Panther DT10 has also been equipped with a small keyboard which enables typing of shorter messages or enter encryption keys without the need of an external keyboard.

Military prepared
The Panther DT10 is not only ideal to serve as a multifunctional tablet PC within the defence market but also for field engineers and emergency services. It gives you the performance to smoothly run applications with the toughness to survive extreme environments. Its hard drive can be easily removed as the situation in the field develops; With a wide array of accessories, port and communication options, you have the freedom to craft the ideal solution for your needs.

Guaranteed performance
Our products always come with lifetime support to ensure your equipment maintains peak performance for many missions to come.

Panther DT10 is built for such military applications as
- Vehicle mounting (wheel or band)
- Naval applications (also on deck)
- Outdoor environments, all year around

Panther DT10
- Works as well as mounted in a docking station as in the field
- Fulfils standards such as MIL-STD-810G, MIL-STD-461E and IP65 (with open covers)

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Panther DT10-M

Technical Specification

CPU	Intel Sandy Bridge i7-2610UE
RAM	Max. 8 GB, DDR-III 1333 MHz
Graphic	Intel HD Graphics 3000
Storage	Removable 120 GB – 500 GB SATA HDD / SSD
Display	9.0″ LCD TFT, 1280 x 768 (WXGA), LED B/L 800 nits, Resistive single-touch panel, Optical Bonding, polarized, Anti-Glare and Anti-Reflective
Keyboard	62 keys with LED backlight
Buttons (front)	3 hot keys Power Button Input Lock Key
Interfaces (right)	1 x DC in 12-32V 1 x Serial RS232/422/485, selectable in BIOS
Interfaces (left)	2 x USB 2.0 1 x RJ45 Giga LAN 1 x Multibay with PCMCIA (3.3V/5V) and ExpressCard Slot
Interfaces (bottom)	1 x Docking-connector (120 pins)
Interfaces (rear)	2nd battery connector
Primary Battery	10.8V/5800mAh Li-Ion
Power Input	DC 12-32V with Surge Protector Built-in Vehicle adapter 12-32V
Case	Magnesium alloy
Dimensions	250 x 190 x 39 mm (W x D x H)
Weight	2 kg
Certifications	CE, FCC, WEEE, REACH, WHQL, IP54, RoHS2.0, MIL-STD-810G* and MIL-STD-461F*
Operating System	Windows 7, Windows 8 Linux – depending on configuration

*Contact MilDef for full specifications of MIL-STD-810G and MIL-STD-461F

MIL-STD-810G	Operating	Storage
Altitude Method 500.5, (Procedure I, II)	4572 m (15000 ft)	12192 m (40000 ft)
Temperature Method 501.5 & 502.5, (Procedure I, II)	-20 °C to 50 °C (-4 °F to 122 °F)	-40 °C to 70 °C (-40 °F to 158 °F)
Temp Shock Method 503.5 (Procedure I-A)	-20 °C to 60 °C (-4 °F to 140 °F)	-
Shock Method 516.6, (Procedure I)	40 G, 11 ms 76 cm (26 drops)	40 G, 11 ms 76 cm (26 drops)
Vibration Method 514.6 (Procedure I, Category 1, 14 & 20)	OH58A/C Helicopter and Composit wheeled & tracked vehicle vibration	-
Rain Method 506.5, (Procedure II)	276 kPa, 5 Surfaces, 40 min/Surface	-
Humidity Method 507.5, (Procedure II Aggravated)	-	Ten 24 h test cycles
Salt Fog Method 509.5, (Procedure I)	-	Salt 5 ± 1 %, 24 h wet + 24 h dry/cycle. Total 2 cycles / 96 h

Standard Options

Storage	2.5" Solid State Drive 80-500 GB Removable 2.5" Drive SSD and HDD options available ViaSat® Eclypt® Core encrypted HDD/SSD [Export Controlled]
Communications	GPS Bluetooth WLAN a/b/g/n
Additional Connectivity	Docklite 10 Extra RS232/422/485
Docking options	Stand for vehicle mounting
Power	Secondary battery (11.1 V/7200 mAH Lithium-Ion rechargeable)
Display Options	Optional Night vision On/Off – Adjustable brightness down to 0
Temperature	-30 °C to 50 °C operating

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