DR10

Powerful inside and out

The DR10 is replacing one of our cornerstone products, the DR8. The DR10 with it's i7 CPU and up to 8GB of RAM, it gives you the performance to smoothly run demanding applications with the toughness to survive extreme environments. Its hard drive can be pulled out on the fly as the situation in the field develops. And with a wide array of accessories and mounting options, you have the freedom to craft the ideal solution.

Battle tested
The DR series tablet has proven itself in action many times over and is a key part of operations going on around the world. With a form factor that has been the gold standard for many years, you can rest assured the DR10 will continue to perfectly compliment your setup even as you upgrade equipment.

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

MilDef DR10 is built for such military applications as
- Vehicle mounting (wheel or band)
- Naval applications (also on deck)
- Outdoor environments, all year around

MilDef DR10
- Works as well as mounted in a docking station as in the field
- Fulfils standards such as MIL-STD-810G, MIL-STD-461E and IP54 (with open covers, save for the PCMCIA slot cover)

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Technical Specification

CPU	Intel Sandy Bridge i7-2610UE, 1.5GHz (2.4GHz MaxTurbo Frequency)
RAM	Max. 8 GB, DDR-III 1333 MHz
Graphic	Intel HD Graphics 3000
Storage	Removable 2.5" SATA II SSD (or HDD)
Display	8.4" LCD TFT, 1024 x 768, B/L 500 nits, sunlight readable, single touch resistive panel, USB interface, Anti-Glare and Anti-Reflective, Optical Bonding.
Sound	HD Audio and Stero Speakers
Buttons (front)	4 function keys (F1-F4) Tab Key Minus (-) & Plus (+) Sign Arrow Keys (Left and Right) Function Key (Fn) Functional backlight Power Button
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 (ExpressCard Slot + SIM card slot + SD Card slot)
Interfaces (bottom)	1 x special connector (for dockinglist or special cable, output: total 120 pins)
Interfaces (internal)	2 x mini PCIe full-sized 1 x mini PCIe half-sized 4 x Serial 4 x USB 2.0
Interfaces (rear)	Optional 2nd battery connector
Primary Battery	10.8V / 5800 mAh Lithium-Ion battery. Primary battery for operating 4 h alternative as UPS in vehicle mounting
Power Input	DC 12-32V with Surge Protector Built-in Vehicle adapter 12-32 V
Case	Magnesium alloy
Dimensions	250 x 190 x 45.2 mm (W x D x H)
Weight	2,3 kg – depending on configuration
Certifications	CE, FCC, WEEE, REACH, WHQL, IP54, MIL-STD-810G* and MIL-STD-461F*
Operating System	Windows 7, Windows 8, Windows 10 Linux – depending on configuration

*Contact MilDef **Crete** 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
Communications	GPS GSM/GPRS, HSDPA WLAN (a/b/g/n) / Bluetooth
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