MilDef DR13

Rugged classic

The MilDef DR series have served many customers for years showing the benefit of form, fit and function.

MilDef DR13 is the 6th generation and continues with the same form factor which saves a lot of investment regarding accessories like cables and different mounts if you plan to replace an older DR series tablet.

The tablet comes with a high brightness display, powerful Intel® Core™ i7 CPU and up to 16GB of RAM. Thanks to its heritage, MilDef can offer a wide range of accessories and reuse customization done on previous generations.

Customizable
Are you looking for features and functions beyond the standard solution? MilDef DR13 is highly customizable and additional features and functions can be implemented by our capable R&D department for your requirement. Contact your nearest MilDef sales office with your request.

Guaranteed performance
Our products always come with a lifetime support to ensure your equipment maintains peak performance for many missions to come. We also serve units and stock spare parts for 5 years after end-of-life.

Technical Specification

CPU	Intel® Core™ i7-7600U 4M Cache, up to 3.9 GHz
RAM	Up to 16 GB, DDR4 2133 MHz
Graphic	Intel® HD Graphics 620
Storage	2.5" Industrial grade SATA III SSD (Removeable)
Display	8.4" XGA (1024 x 768) LED Backlight 700 nits Resistive single touch screen
Sound	HD Audio and stereo speakers
Buttons (front)	Power FN

Layer 1	Layer 2
F1	ESC
F2	CTRL
F3	↓ key
F4	ALT
TAB	↑ key
- key	DEL
+ key	ENTER
← key	Dec. brightness
→ key	Inc. brightness

Interfaces (right)	1 x DC in 12-32V 1 x DB9, Serial RS232/422/485, selectable in BIOS
Interfaces (left)	2 x USB 3.1 1 x RJ45 Giga LAN 1 x Multibay (ExpressCard Slot + SIM card slot + SD Card slot)
Interfaces (bottom)	1 x Docking port
Interfaces (internal)	2 x mini PCIe full-sized 1 x mini PCIe half-sized (WLAN/BT) 4 x Serial ports 4 x USB 2.0 2 x USB 3.1
Interfaces (rear)	Optional 2nd battery connector
Primary Battery	10.8V / 5800 mAh Lithium-Ion
Power Input	DC 12-32V with Surge Protector Built-in Vehicle adapter 12-32 V
Case	Magnesium alloy
Dimensions (W x D x H)	250 x 190 x 45.2 mm 9.84 x 7.48 x 1.78 In
Weight	2,3 kg (5.07 lbs) – depending on configuration
Certifications	CE, FCC, WEEE, REACH, IP54, MIL-STD-810G* and MIL-STD-461G*
Operating System	Windows 10

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

MIL-STD-810G	Operating	Storage
Altitude Method 500.6, *(Procedure I, II)*	4572 (15,000 ft)	12,192m (40,000 ft)
Temperature Method 501.6 & 502.6, *(Procedure I, II)*	-20°C to 50°C (-4°F to 122°F)	-40°C to 71°C (-40°F to 160°F)
Temp Shock Method 503.6 *(Procedure I-A, Figure 503.6-3)*	-	-20°C to 60°C -4°F to 140°F
Shock Method 516.7, *(Procedure I)*	40G, 11ms terminal-peak sawtooth shock pulse	-
Vibration Method 514.7 *(Category 1, 14 & 20)*	Ground vehicle/ground mobile, Rotary wing aircraft-Helicopter, Track Vehicle*	-
Rain Method 506.6, *(Procedure II)*	276kPa, 5 surfaces, 40min/surface	-
Humidity Method 507.6, *(Procedure II Aggravated)*	-	Ten 24h test cycles constant 95% humidity
Salt Fog Method 509.6, *(Procedure I)*	-	Salt 5 ± 1 %, 24 h wet + 24 h dry/cycle. Total 2 cycles / 96 h

Standard Options

Display	Invisible mode
Communications	GPS module WLAN (a/b/g/n/ac) / Bluetooth 5.0
Additional Connectivity	DockLite 10 (Docking station) 2nd GLAN via Docking port Extra RS232/422/485
Docking options	Stand for vehicle mounting
Power	Secondary battery (10.8 V/8700 mAH Lithium-Ion rechargeable)
Temperature Enhancement	-30°C to +50°C operational (-22°F to 122°F)
Security	TPM 2.0
EMI Enhancement	MIL-STD-461G Ground Army

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