

MilDef DT13

Data sheet



MilDef DT13

Based on the well proven MilDef DT10, the MilDef DT13 has also been refined with a new CNC aluminium milled design with the same form factor as DT10. It has features like resistive multi-touch screen, invisible mode, new removable storage design and it is operational down to -30°C (-22°F).

Military prepared

MilDef DT13 is equipped with a small keyboard which enables typing messages or enter encryption keys without using an external or virtual keyboard, which is an advantage when you wearing gloves. The tablet works well as both soldier carried and as vehicle-mounted in a docking station. With a wide array of accessories, ports and communications options, you have the freedom to craft the ideal solution for your needs.

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.

MilDef DT13

Technical Specification

CPU Intel® Core™ i7-7600U with Intel vPro® Technology

RAM Up to 16 GB DDR4 2133 MHz

Graphic Intel® HD Graphics 620

Storage Removable M.2 2280 SATAIII SSD 256GB/512GB with support of OPAL2.0

Display 9" WXGA (1280 x 768)
LED backlight 700 nits
Resistive multi-touch screen
Invisible mode

Sound HD Audio and mono speakers
Embedded digital Mic

Keyboard Backlit 62 keys QWERTY keyboard

Security TPM 2.0 with Secure Boot support

Buttons 2 x Functional button (front)
1 x Power button
1 x Input lock key
1 x Invisible mode on/off

Interfaces 1 x DC-In Military 3-pin (right)
1 x RJ45 GLAN
1 x DB15 (2x RS232)

Interfaces 2 x USB 3.1 Type A (left)
1 x USB 3.1 Type C
1 x Multibay with:
- 1 x ExpressCard
- 1 x SIM Card + SD Card slot

Interfaces 1 x Docking connector (bottom)

Interfaces 2nd battery connector (rear)

Primary Battery 10.8V/5800mAh Li-Ion

Power Input AC Adapter 90W AC 100V~240V 50/60Hz
MIL 3-pin 12~32V with built-in vehicle adapter, polarity protection and surge protector

Case CNC Aluminium

Dimensions 250 x 190 x 45.2 mm (W x D x H)
(10.2 x 7.5 x 1.7 in)

Weight 2.5 kg (5,51lbs)

Certifications CE, FCC, WEEE, REACH, WHLK, IP65, RoHS2.0, MIL-STD-810G* and MIL-STD-461G* Ground Army

Operating System Windows 10

MIL-STD-810G

Altitude 4 572 m (15 000 ft)
Method 500.6, (Procedure I, II)

Temperature -30°C to 50°C (-22 °F to 122 °F)
Method 501.6 & 502.6, (Procedure I, II)

Temp Shock -40°C to 71°C (-40°F to 160°F)
Method 503.6 (Procedure I-C)

Shock 40 G, 11 ms terminal-peak
Method 516.6 & 516.7 (Procedure I, IV) sawtooth shock pulse

Vibration Ground vehicles-ground mobile & Composite wheeled vehicle
Method 514.7 (Category 20, 24)

Rain 276 kPa, 5 surfaces, 40 min/surface

Humidity Ten 24h test cycles
Method 507.6, (Procedure II Aggravated)

Salt Fog Salt 5 ± 1 %, 24 h wet + 24 h dry/cycle.
Method 509.6 Total 2 cycles / 96 h

Design ready options

Communications Ublox M8N (GPS/GLONASS)
WiFi (a/b/g/n/ac) / Bluetooth 5.0

Display Options Night vision On/Off

Accessories

Docking stations
Stand for vehicle mounting
2nd battery (10.8V/8700 mAh Li-Ion)
Multi-battery charger
Display cover

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

Global

sales@mildef.com

Phone: +46 (0)42 25 00 00

UK & Ireland

salesUK@mildef.com

Phone: +44 (0)29 20 647 040

Sweden

salesSE@mildef.com

Phone: +46 (0)42 25 00 00

Norway

salesNO@mildef.com

Phone: +47 23 400 310

North & South America

salesUS@mildef.com

Phone: +1 703 224 8835



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ISO 14001: Certificate No. EMS554313



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