# 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-mouted 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.

## 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 |
| **Buttons (front)** | 2 x Functional button 1 x Power button 1 x Input lock key 1 x Invisible mode on/off |
| **Interfaces (right)** | 1 x DC-In Military 3-pin 1 x RJ45 GLAN 1 x DB15 (2x RS232) |
| **Interfaces (left)** | 2 x USB 3.1 Type A 1 x USB 3.1 Type C 1 x Multibay with: - 1 x ExpressCard - 1 x SIM Card + SD Card slot |
| **Interfaces (bottom)** | 1 x Docking connector |
| **Interfaces (rear)** | 2nd battery connector |
| **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 (W x D x H )** | 250 x 190 x 45.2 mm (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 |

**\*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)* | 4 572 m (15 000 ft) | 12 192 m (40 000 ft) |
| **Temperature** Method 501.6 & 502.6, *(Procedure I, II)* | -30°C to 60°C (-22 °F to 140 °F) | -40°C to 71°C (-40°F to 160°F) |
| **Temp Shock** Method 503.6 *(Procedure I-C)* | - | -40°C to 71°C (-40°F to 140°F) |
| **Shock** Method 516.6 & 516.7 *(Procedure I, IV)* | 40 G, 11 ms terminal-peak sawtooth shock pulse | 40 G, 11 ms 122 cm (4 ft), 26 drops |
| **Vibration** Method 514.7 *(Category 20, 24)* | Ground vehicles-ground mobile & Composit wheeled vehicle | General minimal integrity |
| **Rain** Method 506.6, *(Procedure II)* | 276 kPa, 5 surfaces, 40 min/surface | - |
| **Humidity** Method 507.6, *(Procedure II Aggravated)* | - | Ten 24h test cycles |
| **Salt Fog** Method 509.6 | - | Salt 5 ± 1 %, 24 h wet + 24 h dry/cycle. Total 2 cycles / 96 h |

## Options

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|---|---|
| **Communications** | Ublox M8N (GPS/GLONASS) WiFi (a/b/g/n/ac) / Bluetooth 5.0 |
| **Display Options** | Night vision On/Off |
| **Security** | TPM 2.0 with Secure Boot support |
| **Accessories** | Several different docking stations Stand for vehicle mounting 2nd battery (10.8V/8700 mAh Li-Ion) Multi-battery charger Display cover |

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