MilDef DS11

The rugged revolution comes to tablets

You shouldn't have to compromise to get a unit with both a slim and rugged design, the MilDef DS11 is MilDef's latest tablet that cuts no corners on neither design nor ruggedness!

The DS11 is the first tablet in MilDef's new design philosophy following the design and ruggedness of the DS11's big-brother; the RS11. Keeping true to the MilDef brand the DS11 puts emphasis on low weight, a powerful Intel i7 CPU and a fully rugged design.

The DS11 features a high-brightness 10,1" Capacitive multi-touch display, CNC milled lightweight aluminum chassis and a wide selection of customization options that ranges all from military connectors to resistive touchscreen and wireless connectivity options.
When the going gets tough out in the field you don't have to worry, the DS11 is IP65 rated as well as certified to both MIL-STD-810 and MIL-STD-461.

Guaranteed performance
Products supplied by MilDef are always provided with lifetime support to ensure that the equipment maintains peak performance over many future missions.

Technical Specification

CPU	Intel Ivy Bridge i7-3537U
RAM	Max. 8 GB, DDR-III 1600 MHz
Graphic	Intel HD Graphics 4000
Storage	mSATAIII SSD 128GB/256GB/512GB
Display	10.1" LCD, 1920 x 1200, Full HD, B/L 1000 nits, resistive single-touch, optical bonding, anti-glare and anti-reflective
Sound	HD Audio and mono speakers Embedded digital mic
Interfaces (front)	Power button Function Keys with LED Backlight
Interfaces (left)	1 x Mini DisplayPort 2 x USB 3.0 1 x MicroSD 1 x GigaLAN RJ45 (trade-off Displayport or 1 x USB 3.0) Optional Mil connectors (Fischer) Max 4 options can be picked RS232, RS422, USB, VGA, LAN, Audio out, Headset
Interfaces (bottom)	Docklite Connector. 32-pin POGO Ext ANT Signals x 2
Interfaces (internal)	1 x mSATA SSD 1 x mini PCIe full-sized 1 x mini PCIe half-sized 1 x Audio/ Headset 1 x VGA 1 x USB 3.0 2 x USB 2.0
Primary Battery	11.1V / 4200 mAh Li-Ion battery.
Power Input	DC 12- 32V with Built-in Vehicle adapter
Case	CNC milled Aluminum
Dimensions	280 x 186 x 20 mm (W x D x H w/o bumpers) 286 x 193 x 27 mm (W x D x H w bumpers)
Weight	1.39 kg depending on configuration
Certifications	CE, FCC, WEEE, REACH, WHCK (WIN8), RoHS 2.0, IP65, MIL-STD-810G* and MIL-STD-461F*
Operating System	Windows 7, Windows 8 and Windows 10

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

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 55 °C (-4 °F to 122 °F)	-40 °C to 70 °C (-40 °F to 158 °F)
Temp Shock Method 503.5 *(Procedure I-C)*	-	-40°C (-40°F)~80°C (176°F)
Shock Method 516.5, 516.6 *(Procedure I and IV)*	40g, 11ms, terminal-peak sawtooth shock pulse	122 cm (26 drops)
Vibration Method 514.6 *(Procedure I, IV, Category 20 & 24)*	Procedure 1, Category 20 (Ground Vehicles-ground mobile) Table 514.6C-VI (Composite wheeled vehicle vibration exposures), Figure 514.6C-3, 60-minutes/axis	Procedure IV, Category 24, General minimal integrity
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

Communications	GPS WLAN (a/b/g/n) / Bluetooth 1 x MIL VGA 1 x MIL Audio 1 x MIL GLAN 1 x MIL USB 2.0 2 x MIL RS232 1 x MIL RS422 / 1 x MIL RS232
Additional Connectivity	AMG Sensor Module Single GLAN Card (mini PCIe full-sized) Dual GLAN Card
Display	Night Vision, Capacitive multi-touch
Security	TPM1.2
Temperature	-30 °C operating
Power	Double capacity battery – 11.1V / 8400 mAh Lithium-Ion battery

DuraTech USA Inc.
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Certified SDB, DBE, SBE, CUCP, MBE & WBE
Offering Service with Pride & Integrity

Phone: (714) 898-2171   Fax: 866-704-9132
Email: sales@DuraTechUSA.com   www.DuraTechUSA.com

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www.mildef.com