MilDef MobiLite 6

Powerful computing made sleek and simple

This CPU unit, at a mere 1.5 kg, won't slow you down in the field. With a powerful Intel® Core™ i7 processor, your applications won't slow down either. The MilDef MobiLite 6´s range of connectivity options make integration simple and building on our experience from working with military and system integrators around the world, it's ideally suited for in-vehicle mounting.

Built to take a beating
The Mobilite 6 is built from the ground up to withstand the harshest conditions over the long haul. It has a new CNC Aluminium casing, MIL connectors and is designed for operations down to -30°C and up to 50°C.

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

MobiLite 6 is built to be used
- Stand alone
- With Docking List (DockLite)
- With vehicle docking (CarDock)

Technical Specification

CPU	Intel® Core™ i7-7600U with Intel vPro® Technology
RAM	Up to 16 GB DDR4 2133MHz
Graphics	Intel® HD Graphics 620
Storage	Removable M.2 2280 SATAIII SSD 256GB/512GB with support of OPAL2.0
Sound	HD Audio and mono speakers Embedded digital mic
Security	TPM 2.0 with Secure Boot support
Buttons (front)	2 x Functional button 1 x Power Button 1 x Input lock button 1 x Invisible mode on/off button
Interfaces (right)	1 x Mil 3-pin DC-in 12-32V 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 (ExpressCard Slot + SIM card slot + SD Card slot)
Interfaces (bottom)	1 x Docking connector
Interface (rear)	Optional 2nd battery connector
Primary Battery	10.8V / 5800 mAh Lithium-Ion battery.
Power Input	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 9.8 x 7.5 x 1.7 in
Weight	1.5 kg
Certification	CE, FCC, WEEE, REACH, WHQL, IP65, 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 m (15000 ft)	12192 m (40000 ft)
Temperature Method 501.6 & 502.6 *(Procedure I, II)*	-30°C to 50°C (-22°F to 122°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 160°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)*	-	Ten 24 h test cycles
Salt Fog Method 509.6 *(Procedure I)*	-	Salt 5 ± 1 %, 24 h wet + 24 h dry/cycle. Total 2 cycles / 96 h

Design ready options

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

Accessories

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

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