

# MobiLite 5



## Powerful computing made sleek and simple

At a mere 1.5 kg, the MobiLite 5 won't slow you down in the field. With a powerful Intel Sandy Bridge i7-2610UE processor, your applications won't slow down either. Its range of connectivity options make integration simple. And building on our experience from working with militaries, police forces and vehicle manufacturers around the world, it's ideally suited for in-vehicle mounting.

## Built to take a beating

The MobiLite 5 is built from the ground up to withstand the harshest conditions over the long haul. It has a magnesium alloy casing, MIL connectors and is designed for operations down to -20 °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 5 is built to be used

- Stand alone
- With Docking List (DockLite)
- With vehicle docking (CarDock)

## MobiLite 5 fulfils standards such as

- MIL-STD-810G
- MIL-STD-461F
- IP54



# MobiLite 5

## Technical Specification

CPU	Intel Sandy Bridge i7-2610UE
RAM	Max. 8 GB, DDR-III 1333 MHz
Graphics	Intel HD Graphics 3000
Storage	Removable 120 GB – 500 GB SATA HDD / SSD
Sound	HD Audio
Buttons (front)	Power Button
Interfaces (right)	1 x DC in 12-32V 1 x Serial RS232/422/485, selectable in BIOS
Interfaces (left)	2 x USB 2.0 1 x RJ45 Giga LAN 1 x Multibay (ExpressCard Slot + SIM card slot + SD Card slot)
Interfaces (bottom)	1 x special connector (for dockinglist or special cable, output: total 120 pins)
Interfaces (internal)	2 x mini PCIe full-sized 1 x mini PCIe half-sized 4 x Serial 4 x USB 2.0
Interface (rear)	Optional 2 <sup>nd</sup> battery connector
Primary Battery	10.8V / 5800 mAh Lithium-Ion battery. Primary battery for operating > 3 h alternative as UPS in vehicle mounting
Power Input	DC 12-32V with Surge Protector
Case	Magnesium alloy
Dimensions	250 x 190 x 40 mm (W x D x H)
Weight	1,5 kg (depending on configuration)
Certification	CE, FCC, WEEE, REACH, WHQL, IP54, MIL-STD-810G* and MIL-STD-461F*
Operating System	Windows 7, Windows 8 Linux – depending on configuration

\*Contact MilDef for full specifications of MIL-STD-810F and MIL-STD-461E

MIL-STD-810G	Operating	Storage
Altitude	4572 m (15000 ft)	12192 m (40000 ft)
Method 500.5, (Procedure I, II)		
Temperature	-20 °C to 50 °C	-40 °C to 70 °C
Method 501.5 & 502.5, (Procedure I, II)	(-4 °F to 122 °F)	(-40 °F to 158 °F)
Temp Shock	-20 °C to 60 °C	-
Method 503.5 (Procedure I-A)	(-4 °F to 140 °F)	
Shock	40 G, 11 ms	40 G, 11 ms
Method 516.6, (Procedure I)	76 cm (26 drops)	76 cm (26 drops)
Vibration	OH58A/C	-
Method 514.6 (Procedure I, Category 1, 14 & 20)	Helicopter and Composit wheeled & tracked vehicle vibration	
Rain	276 kPa, 5 Surfaces, 40 min/Surface	-
Method 506.5, (Procedure II)		
Humidity	-	Ten 24 h test cycles
Method 507.5, (Procedure II Aggravated)		
Salt Fog	-	Salt 5 ± 1 %, 24 h wet + 24 h dry/cycle. Total 2 cycles / 96 h
Method 509.5, (Procedure I)		
Altitude	4572 m (15000 ft)	12192 m (40000 ft)
Method 500.5, (Procedure I, II)		
Temperature	-20 °C to 50 °C	-40 °C to 70 °C
Method 501.5 & 502.5, (Procedure I, II)	(-4 °F to 122 °F)	(-40 °F to 158 °F)

## Standard Options

Storage	2.5" Solid State Drive 80-500 GB
Communications	GPS GSM/GPRS, HSDPA Bluetooth WLAN a/b/g/n
Additional Connectivity	Docklite 10 Extra RS232/422/485
Docking options	Stand for vehicle mounting
Power	Secondary battery (11.1 V/7200 mAh Lithium-Ion rechargeable)
Temperature	-30 °C to 50 °C operating
Sound	Built-in Stereo Speakers
MIL-STD-461F	Ground Army