

MilDef DR15



Rugged 8.4" tablet

The MilDef DR series have served many customers for years showing the benefit of form, fit and function.

The DR15 is ideally suited for mounted and dismounted applications requiring real-time situational awareness and forward-deployed C2 Battle Management capability. Vehicle mounting kits and wired/wireless dismountable communication options are available.

Customizable

Are you looking for features and functions beyond the standard solutions offered by large commercial manufacturers? MilDef products are designed to enable customization to your specific program requirements, e.g. connectors, chassis modifications, mounting solutions, etc. Contact your nearest MilDef Sales Office and we will help you to find a solution that meets your requirements.

Guaranteed performance

All MilDef products come with comprehensive lifecycle sustainment support to ensure your equipment maintains peak performance for many missions to come. We also guarantee the availability of spare parts for 5 years after product end-of-life.

Features

- Intel® Core™ i7-1185G7E
- Up to 32 GB RAM
- 8.4" Resistive Single-Touch display
- Removable SSD & battery
- Programmable Function keys
- Docking connector
- Wi-Fi, Bluetooth, & GNSS (optional)
- MIL-STD-810H
- Ground Army (optional)
- Water and dust resistant (IP65)

Technical Specification

Case	Magnesium alloy (NATO Green or Black)
CPU	Intel® Core™ i7-1185G7E Processor
Display	8.4" XGA (1024 x 768) Brightness: 700 nits (Typical)
Touch screen	Single-Touch
Software	
Operating system	Windows 11
Memory	
RAM	Up to 32 GB DDR4 3200 MHz
Storage	m.2 2280 PCIe SSD kit (removable) 256 GB / 512 GB / 1 TB
Graphics	
GPU	Intel® Iris® Xe Graphics (integrated)
Battery	
Primary	10.8 V / 6,200 mAh Li-Ion
Secondary	10.8 V / 9,100 mAh Li-Ion (optional)
Sound	
Audio	HD Audio and stereo speaker
Security & Management	
TPM	TPM 2.0
Other	Intel vPro Support Kensington lock slot
Interfaces	
Ethernet	1x Ethernet 1000Base-T via RJ45
Wi-Fi/Bluetooth	802.11 a/b/g/n/ac/ax (optional) Bluetooth 5.2 (optional)
GNSS	Ublox Neo-M9N GPS/GLONASS/Galileo/Beidou (optional)
USB	2x USB 3.2 Gen 1 Type A
Video out	VGA/DVI signal via docking port
Multi-bay	1x Express Card slot 1x SD Card slot
Function buttons	Commands that can be executed F1-F4, -, +, TAB, ESC, CTRL, ALT, DEL, ENTER, Arrow left, Arrow right, Brightness up, Brightness down.

Docking port Yes

Serial 1x COM via DB9

Size & WeightDimensions 250 x 190 x 45 mm
(9.84 x 7.48 x 1.78 in)Weight ~ 2.3 kg (5.1 lbs.)
(depending on configuration)**Temperature range**Operating¹ -20 °C to +50 °C (-4 °F to +122 °F)
-30 °C to +50 °C (-22 F to +122 °F)
(optional)

Storage -40 °C to +70 °C (-40°F to +158°F)

PowerPower input 12- 32 V_{DC} w. surge protector

AC Adapter Please see the accessories section

Reliability

MTBF 59 781 hours

MTTR 48,78 minutes

Standards

CE / FCC / UKCA Yes / Yes / Yes

REACH / RoHS Yes / Yes

Environment MIL-STD-810H
IP65EMC/EMI MIL-STD-461G Ground Navy
MIL-STD-461G Ground Army
(optional)**Warranty**

Warranty 5 years

Customization

Need anything not included in the data sheet? MilDef products are designed to enable customization to your specific program requirements. Please contact your MilDef sales team member to find the best solution for your requirements.

¹⁾ Achieved with DC-in connected

Accessories & Options**AC/DC Adapters**

AC Adapter 90W (EU/UK/US) - Indoor use	110/220 VAC (100~240 VAC), 50/60 Hz
AC Adapter 90W Ground Army (EU/UK/US) - Indoor use	110/220 VAC (100~240 VAC), 50/60 Hz
ACS90 - Rugged AC adapter 90W (IP65, MIL-STD-810G, MIL-STD-461G)	110/220 VAC (100~240 VAC), 50/60 Hz or 400Hz

DC/DC Adapters

External Vehicle Adapter
Vehicle Power Cord

Chargers

Multi battery charger	Charger for charging up to two primary batteries and one secondary battery.
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Mounting & Transport

Docking and mounting solutions	Docking stations and different mounts is available but please get in contact with your MilDef sales office for options.
Bag / Backpack	Carrying bag is included but please get in contact with your MilDef sales office for additional options.