

Comparison MilDef DS11 – DS13



MilDef DS11

MilDef DS13



CPU	Intel® Core™ i7-3537U 2.00 GHz, 4M Cache, up to 3.10 GHz	Intel® Core™ i7-7Y75, 4M Cache, up to 3.60 GHz
RAM	Up to 8 GB, DDR3 SO-DIMM 1600 MHz	On board 16 GB, LDDR3L 1066 MHz
Graphic	Intel® HD Graphics 4000	Intel® HD Graphics 615
Storage	Removable 2.5" SATA III SSD 7mm slim type	Removable 2.5" SATAIII SSD 7mm slim type
Display	10.1" WUXGA (1920 x 1200) LED backlight Resistive single-touch screen	10.1" WUXGA (1920 x 1200) LED backlight Resistive multi-touch screen
Buttons	1 x Power 13 x Functional keys with LED backlight	1 x Power 13 x Functional keys with LED backlight
Audio	HD Audio and mono speaker Embedded digital mic	HD Audio and mono speakers Optional embedded digital mic
Interfaces (top)	1 x Micro SD Card slot	1 x Micro SD Card slot
Interfaces (left)	1 x Mini Display Port, 2 x USB3.0 Optional: 1x Mini Display Port , 1 x USB3.0, 1 x RJ45 GLAN Optional Fischer I/O (Choose 1-4 out of 6 options): 1 x USB2.0 2 x COM 1 x GLAN 1 x Audio (Line-out) 1 x Sealed headset (Line-out/Mic-in combo) 1 x VGA	1 x Mini Display Port, 2 x USB3.1 Optional: 1x Mini Display Port , 1 x USB3.1, 1 x RJ45 GLAN Optional Fischer I/O (Choose 1-4 out of 5 options): 1 x USB2.0 2 x COM 1 x GLAN 1 x Audio (Line-out) 1 x Sealed headset (Line-out/Mic-in combo)
Interfaces (bottom)	2 x External ANT signals 1 x Docking port	2 x External ANT signals 1 x Docking port
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	1 x mSATA SSD 1 x Mini PCIe full-sized 1 x Audio/ Headset 1 x USB 3.1 2 x USB 2.0
Primary Battery	11.1V/4200mAh Li-Ion	11.1V/4200mAh Li-Ion
Power Input	DC-in 12-32V with built-in vehicle adapter 12-32V	DC-in 12-32V with surge protector and built-in vehicle adapter 12-32V
Case	CNC milled Aluminium	CNC milled Aluminium
Dimensions (W x D x H)	280 x 186 x 20 mm w/o bumpers (11.0 x 7.3 x 0.8 In) 286 x 193 x 27 mm w/ bumpers (11.3 x 7.6 x 1.1 In)	280 x 186 x 20 mm w/o bumpers (11.0 x 7.3 x 0.8 In) 286 x 193 x 27 mm w/ bumpers (11.3 x 7.6 x 1.1 In)
Weight	1.39 kg / 3.06 lb	1.48 kg / 3.26 lb



ISO 9001: Certificate No. FM68727
ISO 14001: Certificate No. EM5554313



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Temperatures	Operating: -20°C ~ +60°C / -4°F ~ +140°F Storage: -40°C ~ 70°C / -40°F ~158°F	Operating: -20°C ~ +60°C / -4°F ~ +140°F Storage: -40°C ~ 70°C / -40°F ~158°F
Certifications	CE, FCC, WEEE, REACH, WHQL, IP54, RoHS2.0, MIL-STD-810G* Optional: MIL-STD-461G*	CE, FCC, WEEE, REACH, WHLK, IP65, RoHS2.0, MIL-STD-810G* Optional: MIL-STD-461G* Ground Army
Operating System	Windows 7, Windows 8, Windows 10	Windows 10

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

Standard Options	DS11	DS13
WLAN / Bluetooth	Intel® Centrino Advanced-N 6235 802.11 a/b/g/n Bluetooth 4.0	Intel® Dual Band Wireless AC9260 802.11 a/b/g/n/ac Bluetooth 5.0
GPS	Ublox M8N	Ublox M8N
GLAN	Intel WG82574IT (single/ dual GLAN card)	Intel I210 (single/dual GLAN card)
TPM module	TPM 1.2	TPM 2.0
Display	Capacitive multi-touch Invisible mode	Capacitive multi-touch (1000nits) Invisible mode
Built-in vehicle adapter	Available	Available
Acessories	Docking station (Docklite DLDS) Adjustable stand 2 nd battery 11.V/8400mAh Li-Ion Single battery charger	Docking station (Docklite DLDS) Adjustable stand 2 nd battery 11.V/8400mAh Li-Ion Single battery charger Vehicle adapter

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