

# Comparison MilDef RS11 – RS13



## MilDef RS11



## MilDef RS13



<b>CPU</b>	Intel® Core™ i7-3517UE 1.7GHz, 4M Cache, up to 2.80 GHz	Intel® Core™ i7-7600U 2.8 GHz, 4M Cache, up to 3.90 GHz
<b>RAM</b>	Up to 8 GB, DDR3 SO-DIMM 1600 MHz	Up to 16 GB, DDR4 SO-DIMM 2133 MHz
<b>Graphic</b>	Intel® HD Graphics 4000	Intel® HD Graphics 620
<b>Storage</b>	Removable 2.5" SATA III SSD 7mm slim type	Removable 2.5" SATAIII SSD 7mm slim type
<b>Display</b>	13.3" HD+ (1600 x 900) LED backlight Optional: 13.3" FHD (1920x1080) LED backlight	13.3" FHD (1920 x 1080) LED backlight Optional: Capacitive Touch Panel
<b>Keyboard</b>	87 keys with backlight	83 keys with backlight
<b>Touchpad</b>	Capacitive Touchpad with multi-touch Optional: Resistive Touchpad with single-touch	Resistive Touchpad with single-touch
<b>Interfaces (left)</b>	1 x RJ45 GLAN 2 x USB3.0 1 x SD Card slot 1 x SIM Card slot	1 x RJ45 GLAN 2 x USB3.1
<b>Interfaces (right)</b>	1 x SSD bay	1 x SSD bay
<b>Interfaces (rear)</b>	1 x DC-in connector  Optional: 1 to 5 Sealed Fischer connectors (USB2.0, VGA, RS232/RS422, GLAN, AUDIO)	1 x DC-in connector 1 x DB9 (COM) 1 x Display Port or VGA (DB15)  Optional: 1 to 3 Sealed Fischer connectors (USB2.0, VGA, RS232/RS422, GLAN, AUDIO)
<b>Interfaces (bottom)</b>	1 x Docking-connector (32 pin) with signals for: 1 x PCIe, 1 x USB3.0, 1 x USB2.0, Power	1x Docking-connector (32 pin) with signals for: 1 x PCIe, 1 x USB3.1, 1 x USB2.0, Power
<b>Primary Battery</b>	11.1V/6040mAh Li-Ion	11.1V/6040mAh Li-Ion
<b>Power Input</b>	DC 12-32V with Surge Protector Built-in Vehicle adapter 12-32V	DC 12-32V with Surge Protector Built-in Vehicle adapter 12-32V
<b>Case</b>	CNC Aluminium	CNC Aluminium
<b>Dimensions (W x D x H)</b>	338 x 264.5 x 28 mm (with corner covers) 13.3 x 10.4 x 1.1 in	344 x 268 x 31.5 mm (with corner covers) 13.5 x 10.5 x 1.2 in
<b>Weight</b>	2.6 kg / 5.7 lb	2.5 kg / 5.5 lb
<b>Temperatures</b>	Operating: -20°C ~ +55°C / -4°F ~ +131°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
<b>Certifications</b>	CE, FCC, WEEE, REACH, WHQL, IP54, RoHS2.0, MIL-STD-810G* Optional: MIL-STD-461F*	CE, FCC, WEEE, REACH, WHLK, IP65, RoHS2.0, MIL-STD-810G* Optional: MIL-STD-461G* Ground Army
<b>Operating System</b>	Windows 7, Windows 8, Windows 10	Windows 10

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



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



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Standard Options	RS11	RS13
<b>WLAN / Bluetooth</b>	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
<b>GPS</b>	Ublox LEA-6H	Ublox M8N
<b>2<sup>nd</sup> GLAN</b>	1 Gbps (Realtek)	1 Gbps (Intel I210)
<b>TPM</b>	TPM1.2	TPM 2.0
<b>Webcam</b>	1 MP Camera	1 MP Camera
<b>Built-in vehicle adapter</b>	Available	Available
<b>Docking station</b>	Available (DURS)	Available (DURS)

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