

Lizard RS11



WATER JET
RESISTANT



SHOCK
RESISTANT



DROP
RESISTANT



FROST
RESISTANT



HEAT
RESISTANT



Technical Data

Display	LCD 13.3" HD (1600x900) LED backlight, sunlight readable, optical bonding	Interfaces (left side)	2xUSB 3.0, 1x Gigabit LAN, 1x SD (SDHC/ SDXC) card slot, 1x SIM card slot
Chipset	Intel® Chief River Platform Intel® Controller Hub Mobile (PCH) QM77	Interfaces (rear side)	1xDC-In (3-pin Amphenol)
CPU	Intel® Core™ i7-3517UE, 1.7 GHz, 4 MB Intel® Smart Cache	Security	TPM 1.2 (optional)
Graphics	Intel® HD Graphics 4000	OS	Windows 7 / 8
Memory	Up to 8 GB DDR3 1600 Mhz 1x SO-DIMM Slots (The maximum RAM size availability depends on type & version of the installed operating system.)	Certification	CE, FCC, WEEE, REACH, WHCK, IP65 (with open I/O ports), MIL-STD 810G, MIL-STD 461F (optional)
Storage	2.5" SATA II/III drive (7mm) HDD (500GB) or SSD (120GB MLC)	Case	rugged milled aluminium
Audio	HD Audio and Stereo Speakers	Colour	black
Keyboard	87 keys with backlight	Dimensions	330 x 246 x 24 mm (L x W x H) height: < 1 inch
Touchpad	Capacitive type (multi touch)	Weight	2.6 kg
Power Supply	• Li-Ion battery, 11.1 V, 6300 mAh • AC-Adapter 90 W 100V~240V 50/60Hz		

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MIL-STD 810G	Operating	Storage
Altitude Method 500.5, (procedure I, II)	12192 m (40000 ft)	12192 m (40000 ft)
Temperature Method 501.5 & 502.5, (procedure I, II)	-20°C to +55°C *optional heater for -30°C	-40°C to +70°C
Temperature Shock Method 503.5, (procedure I)	-20°C to +60°C	-20°C to +60°C
Rain Method 506.5, (procedure I)	276 kPa, 0.5 - 4.5 mm diameter	276 kPa, 0.5 - 4.5 mm diameter
Humidity Method 507.5, (procedure I)	Five 48h test cycles 95 %	Five 48h test cycles 95 %
Salt fog Method 509.5, (procedure I)	N/A	5 %, 35° C
Vibration Method 514.6, category 1 Method 514.6, category 14 (procedure I) Method 514.6, category 20 (procedure I)	Tracked Vehicle Vibration Helicopter Vibration OH58A/C Comp. Wheeled Vehicle Vibration	Tracked Vehicle Vibration Helicopter Vibration OH58A/C Comp. Wheeled Vehicle Vibration
Shock Method 516.6, (procedure I)	40 G, 11ms 122 cm (26 drops)	40 G, 11ms 122 cm (26 drops)



• Lizard RS11 closed



• Lizard RS11 rear & bottom side, example for MIL interfaces

Options

- WLAN: Intel® Centrino Advanced-N 6235
802.11 a/b/g/n [WiFi / BT]
- Bluetooth 4.0
(compatible with: 2.1, 2.1+EDR, 3.0, 3.0+HS)
- WWAN HSPA 3G (Gobi 3000)
- GPS uBlox LEA-6H
- TPM 1.2 module
- Night Vision functionality
- Multibay docking port (bottom side):
 - 1x PCIe
 - 1x USB3.0
 - 1x USB2.0
 - 1x DC-In power supply
- Optional ports (left side):
 - 1x Micro HDMI
 - 1x 2nd GLAN RJ45
 - 2nd GLAN Signal from Mini PCIe Card
("RJ45 x 2" or "RJ45 x 1 + Micro HDMI x 1")
- Built-in Vehicle Adapter 12~32 V_{DC}
& surge protector (SP200 module)

Optional certifications

- MIL-STD 461F certification
 - Ground Army (Navy mobile & Army)

Customization for rear side ports

- Optional ports as MIL grade connectors:
 - up to 4x MIL COM port (RS232/RS422/RS485/TTL)
 - MIL Audio port (audio/headset)
 - MIL VGA / RGB port for external display
 - MIL USB2.0 port
 - MIL Gigabit LAN port

Accessories

- Carry Bag



Landstraße 6
77839 Lichtenau, Germany
www.roda-mildef.com

Tel.: +49 (0) 72 27 / 95 79 - 0
Fax: +49 (0) 72 27 / 95 79 - 20
mail@roda-mildef.com