

ROCKY RK8 SE

FULLY RUGGED LAPTOP

AMREL®
Pioneering Customized Rugged Solutions



RK8 Special Edition

Tough computer for tough applications

For years, AMREL's notebooks have successfully completed missions in the most extreme environments. With a durability proven beyond question, they have been customized for military applications, such as communications, robotic control, as well as testing. They have been also been utilized for construction, as well as police work. Change applications by simply swapping Flexpedient® modules in the device bay.



RK8 SE Product Specifications

Item	Standard	Upgrades
Environmental Rating	MIL-STD 810F & IP-55 certified MIL-STD 461E compliant	
Operating System¹	Windows® 7 Professional 32-bit	Windows® 7 Professional 64-bit
CPU	Intel® Core 2 Duo 1.66 GHz Processor 667MHz FSB, 3MB L2 Cache	
Memory	2GB DDR2 667MHz	Up to 4GB DDR2 667MHz
Graphics	▪ Intel® 32-bit 3D/2D gfx core with 224MB shared RAM	
Display	▪ 15" XGA (1024 x 768) TFT LCD	
Storage	▪ 500GB (5400 RPM) Removable HDD with heater ▪ 2.5" high shock-resistant SATA HDD ▪ Max. 9.5 mm height	▪ Any 2.5" SATA HDD, Max. 9.5 mm height* ▪ Solid State Hard Drive
Audio	▪ Integrated speakers ▪ AC97 sound	
Keyboard & Touchpad	▪ Standard 87-key ▪ Resistive Touchpad	
Flexible Expansion Bay	Removable SATA DVD+/-RW with Nero	Flexpedient® module
I/O Interface	LEFT: Gigabit LAN x 1, PS/2 x 1 (KB+mouse), USB 2.0 x 2, IEEE 1394 (Fire wire) x 2, Express Card x 1, Mic/line-in/headphone PC Card Type I/II x 1 REAR: DC Power Jack x 1, DVI port x 1, VGA x 1, Docking port x 1 Printer port x 1, Serial port x 2 (COM 1/2) RS-232/422/485	Serial port x 2 (COM 3/4) RS-232/422/485 PC Card Type I/ II x 2 (No Express card)
Power	Main Battery: 11.1V, 8700mAh Lithium-Ion AC Adapter: ▪ AC Input: 90V~240V/50-60Hz ▪ DC Output: 90W max ▪ Complies with military power source ▪ AC input: 110V~220V/400Hz	
Color	Cool Grey	
Overall Dimensions	13.37 in x 11.56 in x 2.51 in (339.6 mm x 293.5 mm x 63.7 mm)	
Weight	13.23 lbs (6 kg)	

Standard Environmental Ratings		Integrated Options	Options
MIL-STD 810F Certified		Wireless LAN Wireless WAN Wireless PAN GPS	Intel Pro Wireless 3945 a/b/g Cinterion HC25, HSDPA 3.5G Bluetooth® v2.0+EDR Ublox LEA-5H
Shock	Method 516.5, Procedure I	Accessories	
Vibration	A. 514.3, Procedure I, Category 20 B. 514.5, Procedure I, Category 14 C. 514.5, Procedure I, Category 1	Dual battery charger	Available
Rain	506.4, Procedure II	Docking Station	Serial port x 2, USB 2.0 x 2, DVI x 1, PS/2 x 1 (KB+mouse), VGA x 1, PCI slots x 2, PCI Express x 1, LAN x 1 (optional), Fan x 1 (optional)
Humidity	507.4, Procedure I		
Salt Fog	509.4, Procedure I		
Altitude	Method 500.4, Procedure I & II Operating: 15,000 ft (4,572m) Storage: 40,000 ft (12,180m)		
High/Low Temperature	Method 501.4, Procedure I and II Method 502.4, Procedure I and II Operating: (w/ heater) -4 °F to 122°F / -20°C to 50°C Storage: -40°F to 158°F / -40°C to 70°C		
Temperature Shock	Method 503.4, Procedure I Operating: -4°F to 140°F / -20°C to 60°C		
Explosive Atmosphere	Method 511.4, Procedure I		
Solar Radiation	Method 505.4, Procedure I		
MIL-STD 461E Compliant	Electromagnetic interference		
IEC IP-55	Dust-protected; water jets		



* Contact us for more information

** Specifications subject to change without notice