



**ALR**  
RUGGED SOLUTIONS

The ALR ORCA Tactical Terminal is built to be used in military and industrial areas which call for this kind of robust and reliable system.

The compact and very solid aluminum housing meets industrial and MIL-810 environmental requirements. The system complies with high EMC/EMI standards. It operates on 24V DC.

A modular design concept allows the ORCA Tactical Terminal to construct a great variety of customized versions. Changes in the mechanical structure and various hardware options are available even in small quantities to meet the customers applications.

For more than 15 years, the ALR embedded products have been successfully implemented in a wide variety of industrial and military projects.

- **Intel Atom or Core i5/i7 CPU**
- **10" up to 15,6" FHD Display (daylight readable)**
- **Resistive or capacitive touch option**
- **Power in 24 VDC**
- **Customized MIL I/O Connectors**
- **Operates from -32°C to +72°C**
- **Compliant with MIL-STD 810G**

#### **ALR Rugged Solutions GmbH**

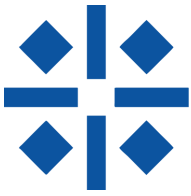
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A Baytek Company

# **ORCA Tactical Terminal**

**Customizable and extremely ruggedized vehicle PC**





Dimensions/Weight	
<b>Housing</b>	Rugged aluminum housing with anti corrosion treatment powder coating in RAL colors
<b>Approx. Dimensions in mm</b>	10" Version; W 300, D 56, H 210 (without connectors) 15" Version; W 430, D 56, H 250 (without connectors)
<b>Weight</b>	10" Version; ca. 3,5 to 5 kg (depending on the configuration) 15" Version; ca. 6 to 8 kg (depending on the configuration)
Hardware Configurations	
<b>CPU Type</b>	Intel Atom or Core i5/i7 mobile CPU
<b>RAM</b>	2GB-32GB DDR3
<b>Storage</b>	16GB-2TB SSD
<b>I/Os</b>	1x Gbit-LAN RJ45, 2x USB2.0, 1x RS232 WIFI optional Other I/Os optional
Display	
<b>Display</b>	10,4" XGA LED Display (1024x768), day light readable 10" FHD LED Display (1920x1080), day light readable 15,6" FHD LED Display (1920x1080), day light readable
<b>Touch</b>	Resistive or capacitive touch optional
Power Supply	
<b>Power Supply</b>	24V DC input
Customizing Options	
<b>MIL-Connectors</b>	MIL-connectors for all I/Os according to customer specs
<b>Customizing</b>	Integration of customer I/O boards or special hardware components according to customer specs customized painting in all RAL colors
<b>Function Keys</b>	Operating and function keys at the front bezel optional
Operating System	
<b>Operating System</b>	Microsoft Windows 7, Windows 10, Linux
Environment	
<b>Compliant according to:</b>	
<b>Temperature</b>	
Operating	-30°C to +70°C with XGA Display and ATOM CPU -20°C to +55°C with FHD Display and i5/i7 CPU
Storage	-30°C to +80°C
<b>Humidity</b>	5% to 95% relative humidity, without condensation
<b>IP Protection</b>	IP65
<b>Vibrations</b>	MIL-STD 810G Method 514.6
<b>Shock</b>	MIL-STD 810G Method 516.6 Up to 40G
<b>Regulations</b>	CE, RoHS
<b>Options</b>	Optional MIL-STD 1275B or MIL-STD 461F (For additional details contact us)

