



**Computers and  
communication  
equipment for  
tough environments**



# Technology built tough

Aqeri is a leading Swedish supplier of rugged computer and communication equipment. The products are built to withstand the most extreme environments, such as shocks, vibrations, unclean environments, electromagnetic radiation, fluctuating climatic conditions and other harsh conditions.

Based in Sweden, with a large international network of distributors in Europe, Asia and Australia, we can reach customers worldwide. Our customers have two things in common; they all use computers and communication equipment in extreme conditions, and they have discovered that Aqeri has the solution to problems caused by such conditions - Technology Built Tough.

Our primary goal is to satisfy our customers by delivering exactly the right solutions for their operations.

## **Quality for all environments - 24/7**

For nearly 30 years we have assisted in customizing solutions in the defense, industrial and vehicle industries. Our products are designed to last a long time in whatever environment they are used. They shall be fully functional 24 hours a day, 7 days a week. They meet or exceed all possible certification demands and standards specific to the defense, industrial and vehicle sectors.

To ensure durability of the products, thorough tests are carried out where the capacity is tested under harsh con-

ditions. We have access to an EMC chamber for testing electromagnetic interference. In our own climatic chamber we perform rigorous testing in extreme heat, cold and moisture. Our own test facility is also equipped with equipment for shock and vibration control.

A sustainable product is based on quality and the use of systems and components from leading suppliers is essential. For 15 years we have been co-operating with Cisco. We also have a technology agreement with IBM covering 6 countries - India, Germany, Sweden, France, Italy and Australia.

All our processes are quality assured in accordance with ISO 9001:2008.





### Customer-specific solutions

Knowledge of the customer's activities and working environment means great flexibility. Our development team can meet the customer's requirements - regardless of size and specification - and deliver quickly!

"Aqeri Development has been out in the harsh environments where our products have to cope with shocks, vibrations, dust, high and low temperatures. We know the demands!

During 30 years in projects of rugged IT products, Aqeri Development has collected extensive knowledge and field experience.

With well tested and proven building blocks to cope with the demands in the field, we can offer development times for new products as low as 90 days."

- Stefan Öhrman, R & D Manager



### Service

Aqeri is more than high quality computer and communication equipment. We are also a reliable partner and will support our customers during the whole life span of our products.

To secure customers' long-term investments we have a service department that is well prepared to respond to any situation that may arise during the lifespan of our products. Questions regarding repairs, installations and maintenance are always welcome.

Through our partners we can also assume overall responsibility for service and support worldwide.





# Flexible solutions for industry

Our products are designed for compact spaces, industrial robots and production facilities that are exposed to, among other things, very extreme temperatures. Flexible production - with our own production and through contract manufacturers - means that we can produce large volumes in a short time.

All computer equipment in industry must perform in extreme conditions that are difficult to simulate or even imagine. Unexpected changes in the power supply are common, such as fluctuations in supply voltage, noise from machinery via the power supply, temporary power failures and discharges of static electricity. They must also cope

with dust, dirt and water. Aqeri's industrial computers meet the absolute highest industrial standards. We want our customers to focus on their core business and avoid costly downtime.

At Aqeri we know how to design flexible computers that can handle the various requirements in the vehicle industry. A vehicle computer is adapted for use in all types of vehicles, e.g. forest machines, trucks, emergency vehicles and special vehicles. Greatest emphasis is placed on the computer being able to cope with shocks and vibrations and at the same time withstand moisture and extreme temperature changes.

## Aqeri Express

For customers requiring quick solutions in smaller quantities we have developed the concept Aqeri Express. We can supply ready-made industrial and vehicle computers direct from the shelf at extremely short notice.

We have developed dozens of ready-made configurations, ranging from tower models to rack-mounted computers and servers, fanless computers and accessories such as monitors and keyboards. We have also included storage systems for demanding environments. Everything is available for direct delivery from the shelf.



### Added-value via partners

Together with our local partners we establish a close co-operation with the customer. Through knowledge, value proximity and understanding we can provide total solutions for each customer's specific needs.

### Long-term design

For many customers a long product life cycle is the most important aspect to be considered. Customers who use proprietary software to control proc-

esses or machines look for sustainable and reliable technology that works over time. Rapid developments in the IT market can therefore present a challenge. Aqeri uses components from manufacturers who guarantee that their products have a life span of 5-7 years.

Long-term development protects the environment as well. There is less electronic waste and quality that endures in the long term!



WD RE4-GP  
Enterprise Hard Drives

## Works harder for your enterprise. And the planet.

### Eco-friendly and ideal for surveillance applications.

Introducing a new enterprise drive that's good for the environment as well as your bottom line. Featuring our exclusive WD GreenPower Technology™, the WD RE4-GP SATA hard drive offers your data-hungry organization all the storage capacity (up to 2 TBs) you need for a wide range of surveillance applications. You also get significant power savings and lower cost of ownership compared to competitors' standard enterprise-class drives. And of course it's backed by the quality and reliability you expect from WD®, making it one of the most responsible investments your business can make.

Western Digital, WD, the WD logo and Put Your Life On It are registered trademarks; WD GreenPower Technology is a trademark of Western Digital Technologies, Inc., in the U.S. and other countries. Other marks may be mentioned herein that belong to other companies. Product specifications subject to change without notice. © 2010 Western Digital Technologies, Inc. All rights reserved. One gigabyte (GB) = one billion bytes. One terabyte (TB) = one trillion bytes. Total accessible capacity varies depending on operating environment.

**matrox**  
Graphics for Professionals

## Extio Series (RGU)

Fjärrstyr upp till fyra högupplösta monitorer, ljudenheter och standard kringutrustning från din värddator med upp till 250m utan fördröjningar i systemets signaler. Idealt för miljöer som kräver hög säkerhet, låg värmeutveckling, ljudlöshet och mer arbetsyta!



**gandalf**

Gandalf Data AB, en värdeadderande distributör som levererar säkra datalagringslösningar och ergonomiska flerskrämlösningar.  
Webb: [www.gandalf.se](http://www.gandalf.se) Tele: 08-505 571 00 Mail: [info@gandalf.se](mailto:info@gandalf.se)



# Defense - harsh environments set high standards

The Defense Industry sets the absolute highest standards on the durability of our products, which is not surprising given that peace, safety and human lives are at stake. Aqeri maintains long-term relationships with defense procurement agencies in a number of countries and international organizations. Our military-grade equipment is in use deep beneath ocean surfaces, high above the clouds and everywhere in between.

## Products that exceed the worst case scenario - as standard

Aqeri's long experience and constant product development ensure that the products can cope with environments and situations where nothing must go wrong. Dirt, grime, shocks, vibrations, humidity, electromagnetic interference and fluctuating temperatures are just some of the extreme elements and situations that rugged computers and com-

munication equipment are exposed to on a daily basis around the world. We perform rigorous and demanding tests and nothing is left to chance.

The products meet the high standards like the MIL-STD-461, MIL-STD-810, MIL-STD-1275 and some models also DEF STD-59-411.



### Durable products that last

Aqeri has had a long and successful relationship with the Defence Material Administration (FMV).

We develop, produce and deliver various types of computers, switches and routers according to their requirements as well as other communication equipment such as VoIP Gateway, monitors and operating terminals.



Our computer and communication solutions are used in all branches of the Swedish Defense Forces and are also used both nationally and in international peace-keeping missions. The prod-

ucts are compatible with most international units and this has strengthened our position within the Nordic Battle-group - a rapid operational force led by Sweden under the auspices of the European Union.

The Defense Forces have high demands in the field of durable products. Quality and product reliability is especially important as it can be a question of human lives. FMV is known for thorough quality assurance of equipment before it is used in the field.

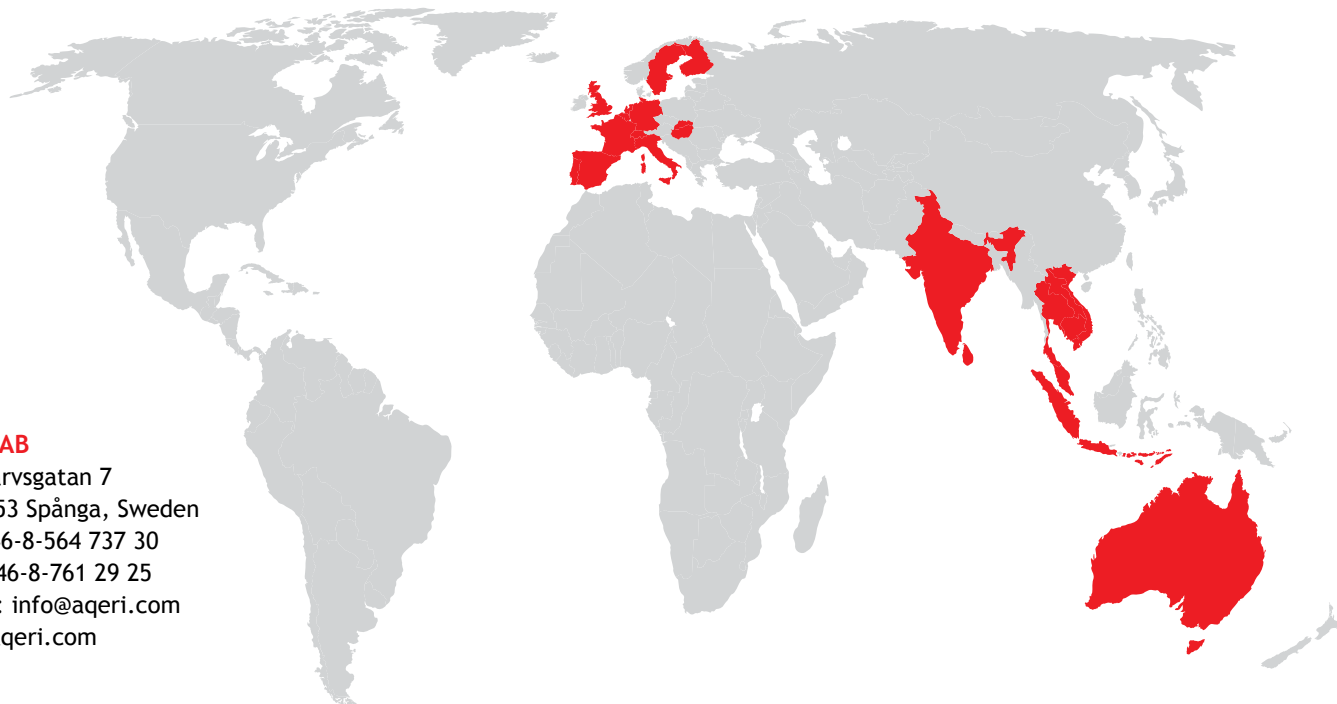


# Intelligent Performance

Intel Nordiska AB,  
164 04 Kista Sweden  
Phone: +46-8 59461700  
Internet: [www.intel.se](http://www.intel.se)







### Aqeri AB

Domnarvsgatan 7  
S-163 53 Spånga, Sweden  
Tel: +46-8-564 737 30  
Fax: +46-8-761 29 25  
E-post: [info@aqeri.com](mailto:info@aqeri.com)  
[www.aqeri.com](http://www.aqeri.com)

### International Partners

Belgium/The Netherlands: C.N. Rood  
[www.cnrood.com](http://www.cnrood.com)

UK/France: Industrial Computers  
[www.industrial-computers.com](http://www.industrial-computers.com)

Germany: BAKO GmbH  
[www.bako.de](http://www.bako.de)

Italy: KD Wave s.r.l  
[www.kdwave.com](http://www.kdwave.com)

Spain/Portugal: Eurosiscon  
[www.eurosiscon.com](http://www.eurosiscon.com)

India: Realtime Techsolutions Pvt. Ltd.  
[www.rttindia.com](http://www.rttindia.com)

Singapore: Precision Technologies Pte. Ltd.  
[www.pretech.com.sg](http://www.pretech.com.sg)

Thailand: Avia Satcom  
[www.groupavia.com](http://www.groupavia.com)

Australia: C4i  
[www.c4i.com](http://www.c4i.com)

Slovakia: Q-Products  
[www.qproducts.sk](http://www.qproducts.sk)

## Portwell & Aqeri Build Your Technology Tough!!



**PEB-2739**  
US15WPT, -40~85 °C



**PEB-2771**  
D525, Fanless



**WADE-8020**  
QM57/i7,i5



**ROBO-8210**  
QM57/i7, i5



**ROBO-8120**  
3420/ Xeon



**WEBS Series**  
Mil. grade shock/vibration



**EUDA Series**  
IP65

### Portwell Engine Labs

ISO-13485/9001/14001 certified

- Halt & Hass Lab
- Vibration Test Lab
- Semi-Anechoic Lab
- Drop Test Lab
- Environment Chambers Lab
- EMI Lab
- EMS Lab
- ESD Lab
- Rain Test Lab
- Dust Test Lab

### European Portwell

Haverstraat 6, Nieuw-Vennep, 2153 GB, Netherlands  
Tel: +31-252-620790 Fax: +31-252-621325  
E-mail: [info@portwell.nl](mailto:info@portwell.nl)  
<http://www.portwell.nl>

### Portwell (UK) Ltd.

Unit 15, Moorbrook,  
Southmead Industrial Estate, Didcot OX11 7HP, UK  
Tel: +44(0)1235-750760 Fax: +44(0)1235-750761  
E-mail: [info@portwell.co.uk](mailto:info@portwell.co.uk)  
<http://www.portwell.co.uk>

