

**noax**<sup>®</sup>  
Technologies



# Industrial Computers

Rugged – Reliable – Innovative

Made in Germany

OVER 25 YEARS OF SUCCESS

# History

noax Technologies ranks among the world's leading manufacturers of durable and innovative industrial PCs and logistics terminals. We design industrial computers for extremely harsh and sensitive environments.

For over 25 years, we have put the needs of our customers first in the development and manufacturing of completely-sealed industrial PCs. We provide hardware that is suitable for industrial environments, expert advice, and technical service and support. Our products are manufactured in Ebersberg, Germany, just outside of Munich. They are designed for 24-hour continuous operation, smooth functionality in the harshest industrial environments, and will last for several years. noax's Industrial PCs are resistant to extreme conditions such as heat, cold, moisture, dust, vibrations, shock and acids or alkalis.



**reddot** award  
winner



Dipl.-Ing. Verena Schechner; Board member / CEO

*"As the CEO of noax, I consider it my duty to offer you – our customers – reliable industrial PCs for your application. We want your IT hardware to 'simply work' so that you can use your time to succeed. This is why quality, reliability, and ease of service are of utmost importance to us. Your trust is our motivation."*



# INDUSTRIAL QUALITY WITHOUT COMPROMISE

## OUR STRENGTHS

- ✓ Focused mainly on the development and production of industrial PCs
- ✓ Over 25 years of experience and superior knowledge in all things concerning industrial computers
- ✓ Reliable components according to the highest possible quality standards and industry requirements
- ✓ In-house development and design of the entire IPC, including the motherboard
- ✓ Consistent use of embedded Intel® chip sets for 100% compatibility
- ✓ We offer a five-year reliability guarantee for all components
- ✓ Comprehensive service and technical support
- ✓ Certified according to ISO 9001 and completely manufactured in Germany
- ✓ Stress tests performed at our facilities and at independent, certified laboratories
- ✓ Future-proof industrial PC manufacturer with steady growth rates



# AUTOMATION & PRODUCTION

## noax industrial PCs optimize your production processes improving productivity in manufacturing

Continuous documentation of operating data, comprehensive production control, and quality assurance – noax IPCs connect people, machines, and work places in real time, regardless of geographical location. The new noax IPC generation with PCAP Multi-Touch and glass front can be operated with multiple fingers and even with gloves.

### The Standard for Industry 4.0:

- Reliability:** Completely-sealed construction and shockproof, vibration-resistant design
- Power:** High-performance Intel processors, mainboard developed in house
- Flexibility:** Several ports, RFID reader, WLAN, multiple accessories, expandable for your individual requirements
- Protection:** Uninterrupted power supply, screen protection films, connector cover





BSH Bosch und Siemens Hausgeräte GmbH

*"After over 16 years in use: "We have not found anything that can compare to the ruggedness of a noax computer."*



### More intelligent documentation

Reliably identify and record product, operating, machine, and employee data. This gives you transparency with all processes and shortens your processing and lead times.



### Reliable operation

Reliably control your production facilities. Despite dirt, dust, moisture, vibration, or shock, we guarantee absolute reliability, even in 24-hour continuous operation.



### Clear display of process visualization

noax IPCs display processes clearly and in real time. The high-contrast touchscreen (up to 21.5") improves readability and operation, providing an overview of all processes and the ability to respond in real time.



Display Sizes: 12.1", 15", 19" and 21.5"



Dust and Dirt Resistant



For the harshest industrial environments – IP65



Expansion Slots



Heat Resistant up to 131° F



External USB

## WAREHOUSE & LOGISTICS

### noax vehicle PCs optimize your logistics

#### Reducing transportation costs

Faster order picking, more reliable delivery, and more efficient work – noax industrial PCs capture data where it is generated, whether you're in the hall or out in the field, on a forklift or a crane.

#### Seamlessly supports logistics processes:

**Reliability:** Rugged, completely-sealed construction, resistant to shock, vibration, moisture, cold, extreme temperatures

**Data Security:** UPS battery for bridging power outages, nSMART configuration tool

**Operability:** Ergonomic touchscreen can be operated with multiple fingers and even with gloves

**Flexibility:** Comprehensive range of accessories, RFID, WLAN, mobile communications





Bilfinger Berger AG

*"Vibrations and shaking from the machine all day, not to mention the dirt. The computer is right next to the machine and runs with no problem at all. I am pleasantly surprised again and again."*



### Faster order picking in warehouse logistics

noax IPCs turn industrial conveyors, forklifts, and trucks into small computing centers and form the link between inventory management and production. Inventory transporting can be updated directly on site and in real time.



### Plan production logistics more efficiently

noax logistics terminals display the inventory, record operating data, visualize processes, and all while on the way to production. They identify potential and improve productivity.



### Work more ergonomically on trucks, cranes, and machines

noax Industrial PCs on vehicles, construction, and agricultural machinery calculate routes, record data, measure goods and document services. They defy external influences, especially on rough terrain.



Display Sizes: 12.1", 15", 19" and 21.5"



Shock and Vibration Resistant



Multi-Touch or Resistive-Touch



Mobile Safety Function



High TFT Display



Dust proof



**FOOD &  
CHEMICALS**

## noax industrial PCs improve your productivity assuring quality through consistent hygiene

More efficient production, increased quality, improved competitiveness – stainless steel industrial PCs from noax give you the boost you need to improve overall quality in cold storage, food processing and in the chemical industry.

### Guarantee hygienic production processes:

- HACCP:** Hygienically designed for easy cleaning, front film to protect against shattered glass
- Reliability:** Completely-sealed construction (up to IP69K), temperature resistant down to -22° F
- Operability:** Programmable function keys that work when wet and soiled
- Ergonomic:** Operable with gloves, optimal display for easy and precise data entry





Bell

*"Hygiene, stability, quality, and a cooperative partnership with our suppliers are the most important criteria for us when selecting hardware."*



### Reliable data capture in cold storage

Whether stationary in cold storage or mobile on industrial conveyors, noax IPCs resist extreme temperatures and abrupt temperature changes. Perfect for use in refrigerated storage facilities.



### Easier traceability throughout the entire process

noax industrial PCs and weighing terminals visualize and monitor operating processes, even under cleanroom conditions. This makes your entire production process more transparent.



### More hygienic production processes in food processing

Stainless steel industrial PCs from noax control machines, monitor recipes, and help you with documentation. They allow you to meet the requirements of strict regulations for tracing and hygiene.



Display Sizes: 12.1", 15", 19" and 21.5"



Compact and Rugged Industrial Design (IP69K)



Food Safe V2A Steel Housing



Hygienic Design



Multi-Touch or Resistive-Touch



Cold and Heat Resistant



# TESTIMONIALS

## Extraordinary quality

For the success of our customers

Innovating, optimizing and improving - the latest technology can ensure that companies are able to overcome any challenges and can become integral building blocks for the entire enterprise. It's important that all industrial-strength IT hardware can handle the same demands as those put on the entire production facility.

Our high quality standards are reflected in the certificates and approvals issued by independent institutes such as the CE, FCC, IP65, IP67, IP69K, in addition to several awards, most recently the Red Dot Design Award.

In everything that we do – from development and production to service and support, one thing is always our main focus – the success of our customers.



You can find additional case studies  
in our download center at:

[www.noax.com](http://www.noax.com)



## Intelligent as a smartphone, rugged as a submarine

### Optimizing production processes in a submarine shipyard:

Thyssenkrupp AG has been relying on noax industrial PCs for over 10 years to document and optimize production processes and to continuously improve the quality of their products. The durability and reliability of the rugged industrial computers – even under the most difficult conditions – are what made the submarine shipyard choose noax.

#### IPC requirements:

- Able to use for welding metal components
- Multi-touch screen that can be operated with gloves
- Bright, easy-to-read touchscreen display



**TIMKEN**

## Stable WLAN solution safe- guards constant data stream

### Secure communication across the scrap yard and 21 acre mill

To efficiently manage all points of the manufacturing process, noax IPCs allow the truck drivers to see what the crane operators and the main computers see at the same time. The durability and ruggedness of the noax PCs allow streamlined communication in real time within various demanding environments.

#### IPC requirements:

- Resistant to extreme temperatures, high humidity, shock and vibration
- High-resolution touchscreen
- Stable WLAN connection



## Resistant to high pressure, alkalis, and acids

### Improves processes in inventory management and production

For customers in hotel management, catering, and the retail sector, Peter Mattfeld und Sohn GmbH offers high quality pork, beef, poultry and seafood products. From goods received to delivery, all processes must verifiably meet the highest standards of hygiene and food. The rugged design of the IPCs resists the daily cleaning procedures, guaranteeing that your requirements are met.

#### IPC requirements:

- Daily cleaning with disinfecting chemicals
- Suitable for high-pressure wash down (IP69K)
- Large, easy-to-read touchscreen display



**noax**<sup>®</sup>  
Technologies



## Headquarters

noax Technologies AG  
Am Forst 6  
85560 Ebersberg  
Tel. +49 8092 8536-0  
Fax +49 8092 8536-55

noax Technologies Corporation  
5265 Parkway Plaza Blvd., Suite 110  
Charlotte, NC 28217  
Tel. +1 704 992 1606  
Fax +1 704 992 1712

### Technical support worldwide

Tel. +49 8092 8536-33  
E-Mail: [hotline@noax.com](mailto:hotline@noax.com)

### North America

Tel. +1 704 992 1606  
E-Mail: [hotline-na@noax.com](mailto:hotline-na@noax.com)

**For worldwide locations, visit: [www.noax.com](http://www.noax.com) | [info@noax.com](mailto:info@noax.com)**