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OR-PC® series



Specially developed for continuous operation in hygienically critical areas



Extremely high customisability and flexibility, extremely robust, durable and maintenance-free



Completely enclosed, fanless construction



FHD: 15", 19", 21", 24", 27", 32", 42"

UHD (4K): 24", 27", 43", 49", 55"

Strengths

Hygienic. Fast.

Silent. Modular. Robust.

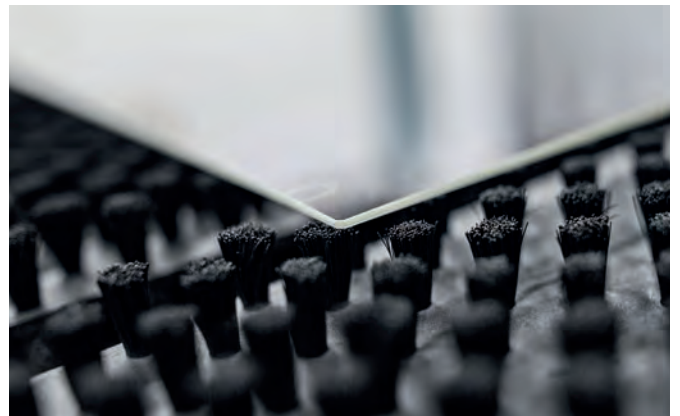
- **Easy to disinfect** milled aluminium housing without openings
- **Passive cooling system**
- **Intel® ULV processors**
- Use of industrial components for **24/7 continuous operation**
- Protective glass pane made of aluminosilicate glass with **anti-reflection coating (AR)** and **anti-fingerprint coating (AF)**
- Easy cable management due to **integrated power supply unit**
- Image reproduction of the highest brilliance through optional **optical bonding**
- **Noiseless operation** without rotating parts
- **Service-free device concept**
- Low unit weight due to **compact design**
- **Long product life** through optimised heat dissipation from the device and the use of durable industrial components
- Service-friendly, tool-free unit mounting via **VESA interface**
- Energy-saving night mode due to **backlight shut-down**
- **Easy deactivation at the touch** of a button for disinfection mode
- Wide range of **optional integrated accessories** such as RFID and barcode scanners
- **Individual window or logo printing** as well as housing colours, also for small series
- **High planning and investment security** through the use of industrial components available in the long term
- Optional **antibacterial paint** and protective glass pane with antibacterial coating
- Use of modern display technologies with true-colour reproduction and **all-round viewing angle**
- Use of **high-performance hardware components** and state-of-the-art technologies

Fields of application

The OR-PC® is characterised by an extremely high degree of customisability and flexibility, is extremely durable, maintenance-free, and perfectly adapted to the high demands of continuous clinical operation.

The OR-PC® serves as input terminal or bedside workstation for:

- **CIS** (Clinical Information Systems)
- **ePR/PDMS** (Patient Data Management Systems)
- **Anaesthesia Documentation Systems**
- **RIS** (Radiology Information Systems)
- **PACS** (Picture Archiving and Communication System)



OR-PC®s have a protective glass pane made of aluminosilicate thin glass as standard. It is highly scratch-resistant and resilient, saves weight and increases display brightness.



In its own milling shop, OR® produces all-aluminium housings, which have an excellent thermal conductivity and thus, as passively cooled housings, enable a long life of the electronic components.

OR-PC® series

We offer exactly the right solutions for the OR-PC® according to individual requirements.

OR-PC® Hot Swap Battery



The OR-PC® 24 with Hot Swap Battery has been specially developed for mobile use in hygienically critical areas. It is perfectly suited for all those who want to use an OR-PC® without a separate power supply.

OR-PC® Thin-Client



With the OR-PC® Thin-Client, hardware and software clients from various manufacturers can be implemented in the OR-PC®s. We thus offer an independent platform solution that can be easily integrated into existing networks.

OR-PC® Box



The OR-PC® Box enables the integration of additional cards. The optional 10" touch display allows for video capturing, for instance. All signals as well as the power supply are realised via a USB-C port and only one cable.

OR-PC® Box Mini



The OR-PC® Box Mini is the most compact version of the series. The space-saving stand-alone PC is also equipped with a passive cooling system and industrial components, and is suitable for continuous operation.

Specifications

Housing	Milled solid aluminium
Equipment	Intel® Celeron, Core i5, Core i7 (ULV processor Intel® 8. Generation)
	Up to 64 GB RAM
	Up to 2 TB M.2 SSD
	Internal power supply
Display sizes	15", 19", 21", 24", 27", 32", 42" (FHD) 24", 27", 43", 49", 55" (UHD)
Platforms for OR-PC® Thin-Client	DELL Wyse Thin-Client
	HP® T530
	IGEL Thin-Client
	Teradici® Zero-Client
	Rangeé Thin- / Zero-Clients

Options

The OR-PC® series is highly customisable:

- **PCAP multi-touch**
- **Display bonding** L-OCA for extremely high image quality
- **RFID reader**
- **Barcode scanner**
- **Wi-Fi and Bluetooth**, mobile data transfer
- **Interface decoupling 4 kV** (RJ-45, RS-232, USB)
- **Fibre optic interface cards**
- **DVD drive, card reader**
- Integration of **frame grabber cards** for video capturing
- **Loudspeaker**
- **Cable cover**
- Individual, also **germicidal coatings**
- **Individual customer layout**
- **Individual glass coatings** (anti-reflective, anti-microbial, anti-glare, anti-fingerprint)
- Integrated **signal decoupling**
- Pre-installed **Windows operating system**
- **Warranty extension** up to 5 years

Hygiene



The glass front as well as the housing can be disinfected by all the usual means. The closed, fanless design prevents dirt or germs from accumulating in the device. The optional cable cover also thoroughly protects the devices against the penetration of liquids.

Individual customer solutions



OR® offers a large portfolio of hardware upgrades and additional components, which enable us to produce tailor-made solutions even in smaller quantities, based on the existing IT infrastructure and the available budget.



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