

OR-PC®

OR-PC® OD

MEDICAL MINI PC

ACL
WWW.OR-PC.DE



- ultra slim and completely enclosed PC without Display
- internal 21,5" TFT display with all-round viewing angle
- 6th Generation Intel® Core™ i5/i7 CPU
- in conformity with standards of the DIN EN 60601
- engineered for permanent 24/7 operation
- ACL cooling system with fanless design
- hygienic design



TECHNICAL DATA FOR OR-PC® OD

| GENERAL DESCRIPTION | |
|---------------------|---|
| design | fanless compact PC developed for permanent 24/7 operation in the patient environment, enhanced for convection cooling |
| housing | compact housing for the PC, display and power supply unit in an extremely robust lightweight metal design |
| cooling | special zone cooling system developed by ACL without any mechanically moving parts and maintenance-free |
| cleaning | wiping all exterior surfaces with commercially available disinfectants |

| AMBIENT CONDITIONS | OPERATING | STORAGE |
|--------------------|---|---|
| temperature | 5 to 40°C | 0 to 60°C |
| relative humidity | 10 to 90%, non-condensing | 5 to 90%, non-condensing |
| pressure | 101 to 70 kPa or max. 10,000ft altitude | 101 bis 19kPa or max. 40,000ft altitude |

| SUPPLEMENTARY STANDARDS | |
|-------------------------------|--|
| DIN EN 60601-1:2013 (Ed.3.1) | Medical electrical equipment – General requirements for basic safety and essential performance |
| DIN EN 60601-1-2:2016 (Ed. 4) | Medical electrical equipment – General requirements for basic safety and essential performance Collateral standard – Electromagnetic compatibility – Requirements and tests |

| | STANDARD EQUIPMENT | OPTIONAL EQUIPMENT |
|------------------------|--|--|
| lacquering | RAL 7035, light grey | germ-reducing nanolacquering, other color tones in conformity with RAL |
| dimensions (W x H x D) | approx. 340 x 225 x 30mm | deviations depending on the optional equipment possible |
| weight | 2 kg (without accessories and mounting kit) | deviations depending on the optional equipment possible |
| mounting | VESA-100 | extensive mounting solutions available as accessories |
| power supply | external power supply, 100-240VAC, 50/60Hz, max. 80W | |

| COMPUTER MODULE | | |
|-----------------|--|-----------------------------------|
| mainboard | long-term availability industrial mainboard, mITX standard for easy mainboard module replacement and system upgrades | |
| chipset | Intel® 6th Generation | |
| CPU | Intel® Core™ i5 with up to 3,0GHz | Intel® Core™ i7 with up to 3,4GHz |
| RAM | 8GB | up to 16GB |
| mass storage | mSATA 120GB SSD | mSATA with up to 1TB |
| graphics | Intel® HD Graphics GT-Serie | |
| sound | HDA Codec, Realtek ALC888 | |

| INTERFACES | | |
|-------------------|--|---|
| Ethernet | 2x 10/100/1.000MBit via RJ45-Connector (not decoupled) | RJ45 network decoupler WLAN/WiFi module with Bluetooth 100/1.000MBit fiber optics |
| serial interfaces | 2x RS232 via 9-pole D-Sub (not decoupled) | 4x RS232 (optionally decoupled) |
| USB | 4x USB 3.0 (not decoupled) | 4x USB 3.0 and 2x USB 2.0 (max. two decoupled) |
| additional screen | 1x Display Port, 1x HDMI | |

| OPTIONAL ACCESSORIES | |
|----------------------|--|
| regular accessories | manual, driver DVD, power cord, build-in potential equalization connector |
| input devices | wide range of different mouses, keyboards, external DVD-R/W via USB , external USV and much more |
| operating systems | Windows 7, Windows 8, Windows 10, Linux |

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Note:
 Not all options can be combined with one another.
 Other equipment available upon request.
 We reserve ourselves the right to make changes for technical advancement.
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