

OR-PC®

ACL OR-PC® OD

MEDICAL MINI PC



- Ultra slim and completely enclosed PC without Display
- Intel® Core™ i5 / i7 with clock frequency up to 3.30 GHz
- conformity with standards of DIN 60601
- Engineered for permanent 24/7 operation
- ACL cooling system with fanless design
- Hygienic design



TECHNICAL DATA FOR ACL OR-PC® OD

General descriptions	
design	fanless compact PC developed for permanent 24/7 operation in the patient environment and enhanced for convection cooling
housing	compact housing 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
acceptable ambient conditions	
temperature	when stored: 0 to +60°C in operation: +5 to +35°C
relative humidity	when stored: 5% to 95% in operation: 10% to 80%, non-condensing
supplementary standard	
DIN EN 60601-1: 2007	Medical electrical equipment – General requirements for basic safety and essential performance
DIN EN 60601-1-2: 2007	Medical electrical equipment – General requirements for basic safety and essential performance Collateral standard – Electromagnetic compatibility – Requirements and tests

Narrow Description	Standard equipment	Options
lacquering	light gray RAL 7035	germ-reducing nanolacquering, other color tones in conformity with RAL
dimensions (W x H x D)	340 x 225 x 30 mm	customized design available depending upon equipment
mounting		VESA-100 interface
weight	2 kg (without options, accessories and mounting kit)	customized design available depending upon equipment
power supply unit	100-240V/ 50/60Hz 60W externally	
USV	none	external (as much as 10 minutes of power failure bridging)
computer module		
mainboard	long-term availability industrial mainboard, mITX standard for easy mainboard module replacement and system upgrades	
chipset	Intel® Haswell	-
processor	Intel® Core™ i5 up to 3.10 GHz	Intel® Core™ i7 up to 3.30 GHz
RAM	4GB	up to 16GB
network access		
Ethernet	2 x 10/100/1000MBit with RJ45 connection (not decoupled)	100/1000 MBit glass-fiber connection, WLAN/WiFi RJ45-network decoupling
interfaces		
second screen	2 x HDMI	external ACL MD displays for multiple-screen solutions
serial	2x RS232 (9pol D-SUB, not decoupled)	4x RS232 (optional decoupling)
USB	2x USB 2.0, 2x USB 3.0 (not decoupled)	-
slots	1x miniPCIe	-
sound	HDA Codec (Realtek ALC888)	-
input units	for USB keyboard and USB mouse	e.g. scanner, video camera or fingerprint sensor, barcode reader
bulk storage		
Interface	2x S-ATA	-
hard discs	SSD 120GB	SSD 240GB / SSD 480GB
optical drives	none	external DVD-R/W via USB
accessories/software		
accessories	manual, driver DVD, power cord, built-in potential equalization connection	sets made of short-stroke keyboard and mouse that are especially easy to disinfect, cable for potential equalization 2 m long, ACL Medical Display
operating system	none	Windows 7, Windows 8, Linux

Note: Not all options can be combined with one another. Other equipment available at your request.

We reserve ourselves the right to make changes for technical advancement © ACL GmbH 2015.1

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