



# ACL OR-PC® 21 WS

MEDICAL PANEL PC



WALL-STATION



- Fanless On-Wall Medical Consoles
- Intel® Core™ i5 / i7 with clock frequency up to 3.4 GHz
- In conformity with the DIN EN 60601 standards
- Engineered for permanent 24/7 operation
- ACL cooling system with fanless design
- Completely enclosed panel-PC
- Hygienic design



# TECHNICAL DATA FOR ACL OR-PC® 21 WS

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: 2013	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	
protective pane	built-in safety glass and optically dereflected on two sides	–
power supply unit	100–240V/ 50/60Hz/ 80W internal	wide-range 12–24V direct current input
USV	none	external (as much as 10 minutes of power failure bridging)
front keypad	on/off button for PC and separately for the screen, status LEDs for storage device	customized keypads and display with special functions
computer module		
mainboard	long-term availability industrial mainboard, mITX standard for easy mainboard module replacement and system upgrades	
chipset	Intel® 6th Generation	–
processor	Intel® Core™ i5 up to 3.0 GHz	Intel® Core™ i7 up to 3.4 GHz
RAM	4GB	up to 16GB
display module		
display	internal TFT display, digital display control with DualChannel LVDS, 16.7 million colors Solution 1920 x 1080, Contrast 1000:1, Brightness 250 cd/m², Viewing Angle 178°/178°	
graphics	Intel® HD Graphics	–
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	1 x HDMI, 1x DP	external ACL MD displays for multiple-screen solutions
serial	2x RS232 (9pin D-SUB, not decoupled)	4x RS232 (optional decoupling)
USB	4x USB 3.0 (not decoupled)	4x USB 3.0, 2x USB 2.0 (max. 2 decoupled)
slots	1x miniPCIe	–
sound	HDA Codec (Realtek ALC888)	–
input units	integrated keypad	e.g. for scanner, video camera or fingerprint sensor, barcode reader
bulk storage		
Interface	2x S-ATA	–
hard disc support	locked alternate frame accessible from outside	–
hard discs	SSD 120GB	SSD up to 1 TB
optical drives	none	external DVD-R/W via USB
accessories/software		
touchscreen	none	PCAP-touchscreen
accessories	manual, driver CD, power cord, built-in potential equalization connection	cable for potential equalization 2 m long
operating system	none	Windows 7 / 8 / 10, 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 2016.12

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