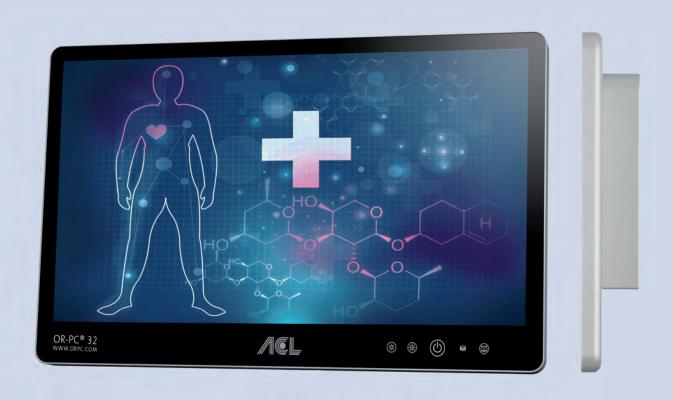
OR-PC®







- → Ultra slim and completely enclosed panel-PC
- → Internal 32" (81.3 cm) TFT display with all-round viewing angle
- → Intel® Celeron® / Core™ i5 / Core™ i7 up to 3.9 GHz
- → In conformity with the DIN EN 60601 standards
- → Engineered for permanent 24/7 operation
- → ACL cooling system with fanless design
- → Hygienic design







TECHNICAL DATA FOR ACL OR-PC® 32

General descriptions		
design	fanless compact PC developed for permanent 24/7 operation in the patient environment and 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	
acceptable ambient conditions		
temperature	when stored: o to +60°C in operation: +5 to +40°C	
relative humidity	when stored: 5% to 95% in operation: 10% to 90%, 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: 2016	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	
protective pane	built-in safety glass and optically dereflected on two sides	-	
dimensions (W x H x D)	approx. 770 x 510 x 70 mm	customized design available depending upon equipment	
mounting	built-in VESA-100 interface	extensive mounting solutions available as accessories	
weight	13.3 kg (without options, accessories and mounting kit)	customized design available depending upon equipment	
power supply unit	100-240V/ 50/60Hz/ 110W 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® Skylake	Intel® Kabylake	
processor	Intel® Celeron® up to 2.0 GHz	Intel® Core™ i5 / i7 up to 3.9 GHz	
RAM	8 GB	up to 32 GB	
display module			
display	internal TFT display, optically bonded on Gorilla® Glass, digital display control with DualChanel LVDS, 16.7 million colors Solution 1920 x 1200, Contrast 1000:1, Brightness 300 cd/m², Viewing Angle 178°/178°		
Touchscreen	-	PCAP-Touchscreen	
Bonding	-	optional	
graphics	Intel® HD Graphics GT Series	-	
network access			
Ethernet	2x 10/100/1000MBit with RJ45 connection (not decoupled)	100/1000 MBit glass-fiber connection, WLAN/WiFi RJ45-network decoupling	
interfaces			
second screen	1x HDMI, 1x DP	external ACL MD displays for multiple-screen solutions	
serial	1x RS232 (9pol D-SUB, not decoupled)	6x RS232 (optional decoupling)	
USB	4x USB 3.0 (not decoupled)	4x USB 3.0, 2x USB 2.0 (max. 2 decoupled)	
slots	PCIe x4 (Gen. 3)	Integration of Grabbercards	
sound	HDA Codec (Realtek ALC888s-VD2-GR)	Body-impact-speakeroptional	
input units	for USB keyboard and USB mouse	e.g. scanner, video camera or fingerprint sensor, barcode reader	
bulk storage			
hard discs	mSATA 120 GB	mSATA up to 1 TB	
optical drives	none	external DVD-R/W via USB	
accessories/software			
accessories	manual, driver CD, 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	
operating system	none	Windows 7, Windows 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 2018.1



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