



# TECHNICAL DATA ACL OR-PC® OD & OR-MD® 10

General Description			
design	PC developed for permanent 24/7 operation in the medical environment, modular housing optimized for easy component exchange		
cooling	special zone cooling system developed by ACL without any fans or 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	105 to 70 kPa or max. 10,000ft altitude	105 to 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 – Collateral standard – Electromagnetic compatibility – Requirements and tests		
Standard Equipment			
lacquering	RAL		
protective pane	extremely scrath-proof aluminosilicate glas with AR-Coating		
dimensions (W x H x D)	approx. 254 x 181 x 321 mm, plus 15 mm frame circumferential		
weight	5.6 kg (without accessories and mounting kit)		
mounting	VESA-75		
power supply	external power supply		
frontal operating panel	on/off button, power supply button		
Computer Module			
mainboard	long-term availability industrial mainboard, mITX standard for easy mainboard module replacement and system upgrades		
chipset	Intel® Kabylake generation, chipset is integrated into the CPU		
CPU	Intel® Core™ i5, 7 <sup>th</sup> generation		
RAM	VP to 32 GB		
mass storage	m.2SATA up to 1 TB		
graphics	onboard graphics, Intel® HD Graphics GT-Serie		
Display Module			
color depth	16,777,216 colors		
native resolution	1,280 x 800 pixel		
contrast	600:1		
brightness	300 cd/m²		
viewing angle	178°/178°		
touch screen	PCAP touch screen, bonded		
Interfaces			
Ethernet	2 x 10/100/1.000MBit via RJ45-Connector (not decoupled)		
serial interfaces	1 x RS232 via 9-pole D-Sub (not decoupled)		
USB	4 x USB 3.0, 2 x RJ45, 2 x DP, 1 x RS232, 2 x Remote, 2 x 12V-20W, 1 x USB-C		
additional screen	1 x Display Port, 1 x HDMI		
Optional Accessories			
operating system	Windows 7, Windows 10		