Tech Specs / Article no. 110-10246

OR-PC® 24

13th Generation Intel® Core™ ULV
customisable | solution-oriented | reliable
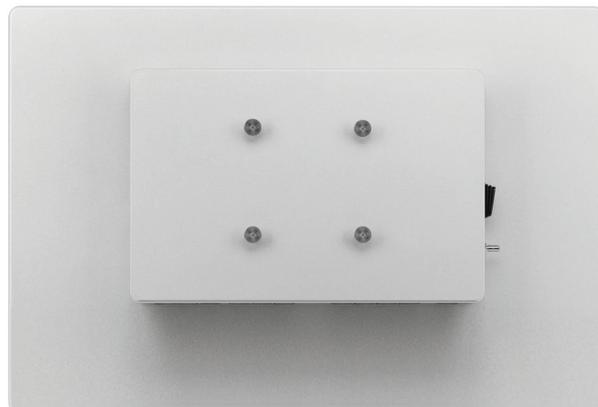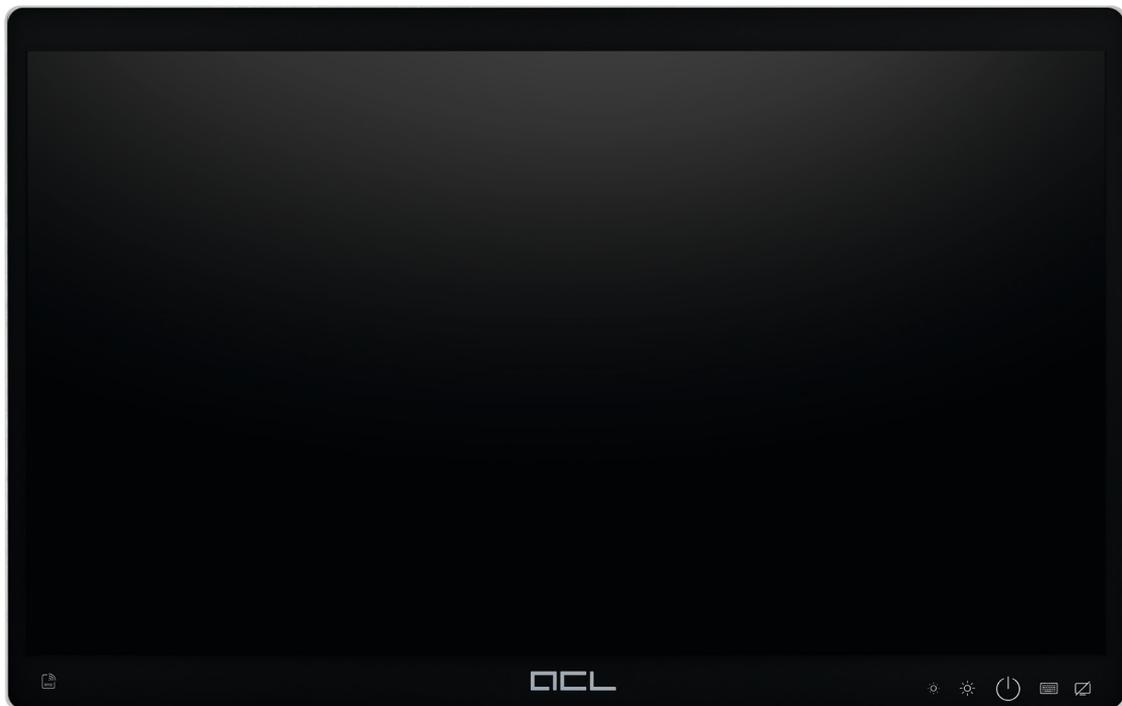
Product description

Concept	Completely enclosed, fanless Medical Grade All-In-One PC for continous 24/7 operation, produced in Germany according to ISO 9001, 14001, 13485
Housing	Compact housing made of solid aluminium in milled design with integrated, Medical Grade power supply unit and IP65 protection at the front
Cooling	Maintenance-free and noiseless convection cooling developed by ACL without moving parts
Cleaning	Wipe disinfection and cleaning with approved surface disinfectants
Warranty	48 months (optional up to 60 months)
Scope of delivery	Manual, mechanically lockable mains connection cable 2m

Standard conformity

IEC 60601-1 (Ed. 3.2)	electrical safety for devices in the medical environment
IEC 60601-1-2 (Ed. 4.1)	electromagnetic compatibility for devices in the medical environment

Suitable ambient conditions	Operation	Storage
Temperature	0 to 35 °C / 32 to 95 °F	-10 to 60 °C / 14 to 140 °F
Relative humidity	10 to 90 % non-condensing	5 to 70 % non-condensing

Panel description

Lacquering	High-quality wet paint finish standard color: 9016 - Traffic White Option colors: RAL 9003 - Signal White, , RAL 9005 - Jet Black, RAL 9006 - White Aluminium, RAL 9007 - Grey Aluminium, RAL 5026 - Perl Night Blue, RAL 7035 - Light Grey (other RAL colors optional)
Protective panel	Corning® Gorilla® glass with anti-reflective coating (AR) and anti-fingerprint coating (AF), optional available in anti-glare (AG) version
Dimensions (W × H × D)	557 x 389 x 64 mm / ca. 20 x 13 x 2 inches
Weight	ca. 7,35 kg (Deviations possible depending on equipment), optional available cable cover (+ 0,40 kg / ca. 16,2 lbs + 0,77 lbs)
Power supply unit	(100 - 240) V, (50/60) Hz, internal Medical Grade power supply unit
Keypad	Front-mounted, illuminated, capacitive keypad, functions: On/off button for PC, 2 buttons for display brightness, 1 button for on-screen keyboard, 1 backlight/touch switch-off button
Mounting	Integrated VESA 100 interface with threaded bolts, can be mounted without tools

557 mm

64 mm

389 (398 mm)[1]

[1]with optional webcam, barcode scanner

Display module

Display type	24" TFT-IPS panel with LED backlight in air gap bonding with full glass front
Color depth	16,7 Million colors
Native resolution	1920 x 1200 px, WUXGA, 16:10 Aspect Ratio
Contrast ratio	1000:1
Luminance	300 cd/m²
Viewing angle	178°/178°
Touch	PCAP multi-touch (10-point) can also be operated with nitrile gloves
RFID/NFC	compliant reader incl. LEGIC® and FIDO™ support integrated on the front, accordance with ISO 14443A/B/C, 15693, 18092
Barcode scanner	optional integrated 2D reading unit on the front with separate scan button
Webcam	optional integrated 5.04 MP front-facing camera with autofocus
Bezel print	glass printing: black with ACL Logo, optional customised printing on the front panel of the appliance

Computer module

Mainboard	long-term available industrial mainboard, Mini-ITX standard for easy mainboard module replacement and system upgrades
Processor platform	Intel® Generation 13 (Raptor Lake)
Processor	Intel® Core™ i7-1365UE (10 Cores, 12M Cache, up to 4.9 GHz), 15W TDP
Security	integrated Intel vPro® Enterprise platform, dTPM 2.0
Graphic	Intel® Iris® Xe Graphics for Core i7
RAM	32GB DDR5, 5600 MHz (optional expandable up to 64 GB)
Mass storage	512GB m.2 NVMe SSD (optional expandable up to 2 TB)
Cable cover	optional rear-side cable cover for IP54 interface protection
officially supported operating systems	Windows 11

Connectivity

Ethernet	3x (10/100/1000/2500) Mbps RJ45 (of which 1x 4kV decoupled)
Serial interface	2x RS-232/422/485 via D-Sub 9 plug, optional up to 4 interfaces, each optional decoupled up to 4kV
Wi-Fi + Bluetooth	Wi-Fi 6 and BT 5.2 certified module with vPro® support and integrated antennas
External Screen	2x DP 1.2 / HDMI 1.4b Comboport, 1x USB (Typ C) with DP alt mode
USB	4x USB 3.2 Gen. 2 (Type A), 1x USB 3.2 Gen. 2 (Type C) with 15 W Power Delivery, 2x USB 2.0 (Type A)
Audio	2x 3.5 mm MIC IN / LINE OUT, optional body-impact speaker
Potential equalisation	Integrated connection bolt S6-15

provided by **VINGMED**

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