

Made
In
Germany



Tech Specs

OR-PC[®] Box Mini

11th Generation Intel[®] Core[™] ULV
customisable | solution-oriented | reliable



Product description

Concept	Completely enclosed, fanless Medical Grade compact-PC for continuous 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
Cooling	Maintenance-free and noiseless convection cooling developed by ACL without moving parts
Cleaning	Wipe disinfection and cleaning with approved surface disinfectants
Warranty	24 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 in one of 7 standard colors: RAL 9003 - Signal White, RAL 9005 - Jet Black, RAL 9006 - White Aluminium, RAL 9007 - Grey Aluminium, RAL 9016 - Traffic White, RAL 5026 - Perl Night Blue, RAL 7035 - Light Grey (other RAL colors optional)
Dimensions (W × H × D)	342 x 45 x 216 mm / ca. 13,5 x 1,8 x 8,5 inches
Weight	ca. 2,9 kg
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
Mounting	Integrated VESA 100 interface

Computer module

Mainboard	long-term available industrial mainboard, Mini-ITX standard for easy mainboard module replacement and system upgrades
Processor platform	Intel® Generation 11 (Tiger Lake)
Processor	Intel® Core™ i7-1185GRE (4 Cores, 12M Cache, bis zu 4.4 GHz), 15W TDP Intel® Core™ i5-1145GRE (4 Cores, 8M Cache, bis zu 4.1 GHz), 15W TDP
Security	integrated Intel vPro® platform, dTPM 2.0
Graphic	Intel® Iris® Xe Graphics
RAM	16GB DDR4 (optional expandable up to 64 GB)
Mass storage	256GB m.2 NVMe SSD (optional expandable up to 2 TB)
officially supported operating systems	Windows 11

Connectivity

Ethernet	2x (10/100/1000) Mbps RJ45 (of which 1x 4kV decoupled), 1x (10/100/1000/2500) Mbps RJ45
Wi-Fi + Bluetooth	optional 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, 1x USB 2.0 (Type A) front-mounted, optionally expandable by 1x USB 2.0 (Type A) front-mounted
Audio	optional expandable with 2x 3.5 mm MIC IN / LINE OUT, body-impact speaker
Potential equalisation	Integrated connection bolt S6-15



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