WERTHSYSTEMS

WERTH SYSTEMS XE-850

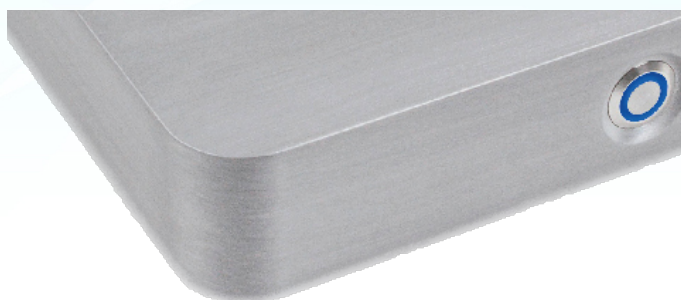## The compact and fanless Medical Box PC

intel CORE i7 intel CORE i5 intel CORE i3

- ◇ **Compact & fast** - up to Intel i5 14th Generation CPU with 10 cores
- ◇ **Silent** - sound does not violate patients or users
- ◇ **Easy to clean** - hygiene optimized unibody design
- ◇ **Cost-cutting** - maintenance free and low life-cycle costs
- ◇ **Long lasting** - long availability and up to 5 years warranty

MADE IN GERMANY

9000 CPU-Mark ◇ Fanless ◇ 60601-1-2 4th. Edition ◇ 24/7 use ◇ Cleanable ◇ VESA 75 ◇ VESA 100

Hygiene optimized Design

The XE-850 Medical Computer is easy to clean with standard cleaning agents, since there are no edges or corners on the surface. Thanks to its unibody aluminum housing, the XE-850 has a IP52 protection against liquids and dust.

The fanless XE-850 Medical Computer is a compact PC of the latest generation designed for areas where a Thin Client doesn't deliver enough performance. It is the perfect solution for PDMS Systems with an increased demand on longevity and efficiency of workflows. It supports powerful Intel 13th. and 14th. Generation CPUs with up to 9000 CPU Mark points. Due to the unique aluminum monocoque housing with integrated Quad-Channel-Heat spreader, it is a reliable basis for the creation of a modern and powerful medical electrical system in rough environments or in hygiene sensitive areas.

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Available Versions

Description	XE-850 i3	XE-850 i5
Part Number	2002194	2002159
CPU	Intel Core i3-14100T	Intel Core i5-14400T
Clockspeed / Cache	2.7 to 4.4 Ghz / 12 MB	1.1 to 4.5 Ghz / 20 MB
CPU Cores / Virtual Cores	4/4	10/6
Remote Access	Yes	Yes
Passmark	8200	9000
RAM Standard Setting	16 GB	16 GB

Technical Information

RAM Maximal	64 GB (2x 32 GB) DDR5 5600 Mhz
Harddisk / SSD	512 GB M.2 SSD
Number of Supported Displays	Up to 3 Displays
Max. Resolution	Display Port: 4096x2304, HDMI: 4096x2160
Network	2x 2.5 Gigabit LAN i225LM with Wake On Lan and PXE
Audio	Intel HD Audio-Line In, Line Out
Ports	3x USB 3.2, 1x USB 2.0, 2x RS-232, 2x Display Port, 2x HDMI 1.4
Potential Equalization Pin	Yes, according to DIN 42801
Housing	Aluminum / Steel
Cooling System	Integrated Quad Channel Heatspreader
IP-Classicfication	IP52 (IP65 from 4 sides)
Expansion-Slot	None
Internal Slots	1x M.2 M-Key 2280, 1x M.2 E-Key 2230, 1x M.2 B-Key 3042/3052
Power Supply	External 90 W medical Power Supply, 19V DC Output, 110-240V Input
Dimensions	217 x 45 x 217 mm (WxHxD)
Weight	3.6 Kg
Temperaturerange	0˚C to 40˚C
Productionstandard	ISO 9001
Place of Production	Germany
Warranty	3 years bring in and return
Security Functions	Firmware TPM 2.0
Supported Operating Systems	Windows 10 Pro, Windows 11 Pro, Linux
Windows Image compatible to	ST-1050, PXE-xx50, CMP-xx50, TT-2050 (2024 Versions)
Conformity	CE, RoHS
Norms	IEC 60601-1-2:2014, Power Supply: IEC 60601-1:2012
Scope of Delivery	Manual, Driver DVD, Power Supply, AC-Cord

Available options and extensions for the WERTH SYSTEMS XE-850

Optional Ports:

Wifi Module a/b/g/n/ac with one or two Antenna Ports,
additional 2x USB 2.0 instead of 2x RS-232

WLAN Antennas:

High Gain 5dBi Antennas (screw-on type),
High Gain 6 dBi with IP62 (mountable Antennas)

Storage SSD's:

1x 256 GB / 512 GB / 1 TB M.2 SSD

Optional Parts:

Rear Cover for I/O Ports for easy disinfection

Mountings:

VESA 75/100 mounting adaptor to mount
on VESA Mounts or Arms.

Additional Warranty:

Expansion to 4 years / 5 years Warranty /
48h Replacement in advance