

# Smart-Med CMP-2450

23.8" fanless high performance Medical Panel PC in Aluminum Case



- ▶ powerful - Intel Core i7 8-Core 11th. Generation CPU
- ▶ durable & easy to clean - Aluminum housing & full Flat IP65 PCT-Touch-Glass-Front
- ▶ eye friendly - none glare & flicker free Real Color Display (99.6% sRGB)
- ▶ universally applicable - optional 4KV Isolation, optional RFID & 2D Barcodereader
- ▶ flexible in use - Windows Image compatible to all Werth xx40 BOX-PCs and Panel PCs



## hygiene optimized design

The CMP-2450 is easy to clean with standard cleaning agents thanks to its full flat IP 65 Front and the completely closed, full flat Aluminum IP52 housing.

The fanless CMP-2450 All in One PC is a designed to meet the increased demand of disinfectable Computer Systems in Hygiene- and Patientenvvironments. Due to the complete closed Aluminum housing, the fanless Design with a Direct-Channel cooling system and the versatile ports , it is the ideal basis for the creation of a , modern, reliable and powerful Medical Electrical System. The Windows Image of the CMP-2450 is compatible to Werth Systems ST-1050 and XE-850 BOX PCs and to all CMPxx50 Panel PCs.

# Technical Datasheet SMART-MED CMP-2450

Description	CMP-2450-i5	CMP-2450-i7	CMP-2450-i3
Part No.	TBD	TBD	TBD
CPU	Intel Core i5-11400T	Intel Core i7-11700T	Intel Core i3-10100T
Clockspeed / Cache	1.3 Ghz / 12 MB	1.4 Ghz / 16 MB	3.0 Ghz / 6 MB
CPU Cores / Virtual Cores	6 / 6	8 / 8	4 / 4
Display	23.8" MVA low power Panel		
TouchPanel	10 fingers Multitouch- PCT / 100 Milliontimes Lifetime		
Hardness / Glass Thickness	9H / 2.23 mm		
max. Resolution	1920x1080 (external= 4096x2304 / 60Hz and HDR with Display Port)		
Brightness / Contrast Ratio	250 cd/m2 / 3000 : 1		
Viewing Angle	178° / 178° H / V		
Color Depth	8 bit with True Black technology		
Color Fidelity	99.6 % sRGB		
Reflection Grade	none glare		
Flicker Free	yes, flicker free, PWM free Backlight		
Remote Access	Yes		
RAM Standard setting	8 GB		
RAM Maximal	64 GB (2x 32 GB) DDR4 2666 Mhz		
Harddisk / SSD	250 GB SSD 2.5"		
No. of supported Displays	up to 3 Displays (2x external)		
Network	1x Gigabit LAN Intel i219V /2.5 Gigabit LAN i225LM with Wake On Lan and PXE		
Audio	Intel HD Audio, Line In, Line Out		
Ports	4x USB 3.2, 2x RS-232, 2x HDMI-Out, 1x Display Port-Out (HDCP2.2)		
Potential Equalisation Pin	Yes, according to DIN 42801		
Security Functions	Firmware TPM 2.0		
Housing	Aluminum with VESA 75 / 100 support		
Cooling System	Direct Channel cooling (fanless)		
IP-Classification	IP 52 (Frontside IP 65)		
Expansion-Slot	1x PCIe x16 (15W max.)		
internal Slots	1x M.2 (Socket 1) for CNVi Wifi Module, 1x M.2 Socket 3 (M Key) for SSD		
Power Supply	external, medical 90 W Power Supply, 12 V DC Output, 110-240 V Input		
DC-Input Mainboard	12 V to 24 V		
Dimensions	568 x 341 x 66 mm (WxHxD)		
Weight	9.2 Kg		
Temperature range	0 °C to 40 °C		
Place of Production	Germany		
Production standard	ISO 9001		
Warranty	3 years bring in and return		
supported Operating Systems	Windows 10 PRO, Windows 11PRO, Linux		
Image Compatibility	Werth ST-1050, XE-850, CMPxx50		
Conformity	CE, RoHS		
Norms	IEC 60601-1-2 :2014, Power Supply: IEC 60601-1 :2012		
Scope of Delivery	Manual, Driver USB-Stick, Power Supply, AC-Cord		

## Options for the SMART-MED CMP-2450

optional Modules: 2D Barcodereader, RFID Reader



optional Ports: 2x RS-232, 2x Firewire, 2x USB 3.0, 1x Intel AC WLAN,

4 KV Isolation: 1x Gigabit LAN, 4x RS-232



PCIe Framegrabber: IDS Falcon PCIe, Matrox, Blackmagic Decklink Mini Series and many more

Harddisk's/SSD's: 1 TB / 2 TB -2.5" HDD or 1x 128 GB /250 GB / 500 GB 2.5" SSD for 24/7 use

disinfectable Stand: WERTH AIO Stand with height adjustment and pivot function, for 15" to 24" Panel PCs

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