MEDARIS

MP-424

Medical Panel-PC with advanced touch screen technology.

CONTACT

HELSINKI OFFICE

LINNANHERRANKUJA 16, 00950 HELSINKI

TEL. +358 500 869742

INFO@AVEDONMEDICAL.COM

WWW.AVEDONMEDICAL.COM

Passively cooled Panel PC technology have often problems with heat management, but the MP-424 solved this issue with a heat pipe, that effectively transfers the heat from the device.

MEDARIS MP-424

MP-424 Panel PC's design starting point has been to have excellent hygienic manageability, IP65/53. The PC is equipped with a powerful passive cooled i5 or i7 processor. The Panel-PC monitor and PC technology are combined into a easily cleanable exterior. The extra heat is directed into the cooling grills located at the rear of the Panel.

MP-424 is especially suitable for operating rooms and is an over all ideal solution for the critical treatment areas where the hygiene level requirements are the highest. The PC can be customized with a number of different options, for example, an internal card reader, internal battery or with Dicom image viewer features. The MP-424 is equipped with a touch screen.

21,5" passive cooled Medical-touch screen Panel-PC, with LED backlight

Cost efficient and easily cleanable Panel-PC

TECHNICAL INFO

Intel i7-4702HQ, i5-4402E
4-16 GB RAM
120-512 GB SSD
Win 7-10
2x Display Port out, 1x DVI-D In,
3x Analog Audio,
2x USB 2.0, 4x USB 3.0,
2x RJ45 LAN,
1xRS232, 1xRS232/RS422/RS485
EN60601-1, EN60601-1-2

MEDARIS MP-424

CPU	Intel® Core™ i7-4702HQ 2.2Ghz or
	Intel® Core™ i5-4402E 1.6Ghz
Chipset	BGA1364/ Intel® QM87
Graphics	Intel® HD Graphics 4600 (Direct X 11) onboard, with Video- and 3D acceleration, 3 monitors operation
Memory	SoDimm DDR3 1600Mhz, max. 16GB, Dual Channel
Speaker	2x5 Watt polypropylene speaker
External I/O	2x Display Port out
	1x DVI-D In
	3x Analog Audio
	2x USB 2.0
	4x USB 3.0
	2x RJ45 LAN
	1xCOM-RS232
	1xCom-RS232/RS422/RS485
Storage HDD	max. 2x S-ATA 2,5" and 1x MSATA
Isolated ports (optional)	2 x RS232
	1 x LAN
	1 x USB
Internal slot	1 x PCI-e x 16
	2 x Mini PCI-e
Operating elements	projected to the front
	capacitive
	Power on/off
	brightness, volume
	Backlight on/off
	Touch on/off
	DVI input
LAN	2x Marvell 88E8071 Gigabit LAN
Power pack	medical, external, 180 W table power pack
Power consumption	75 W (typical, without expansions)
Standards	EN 60601-1-2: 2007, EN 60601-1: 2006, EN60950, CE, RoHS

Mechanical & environmental

Housing	closed, fanless, anti bacterial plasics casing with addional potential equalization pin, colour: white
Kensington lock	Yes
installation	VESA 75 / 100
Temperature (operation)	From 0 °C to 40 °C
Temperature (storage)	From -20 °C to 60 °C
Cooling	Direct channel heatpipe / fanless
dimensions (L x H x W)	▪ 606 x 398 x 66 (mm x mm x mm)
	▪ Weight 9.0 kg (approx, without power supply unit)
IP protection class	IP65 – front side / IP53 - back side

LCD Panel Specifications

Type	24" A-MVA+ Panel with durable LED Backlight
Touch Technology	PCT Multitouch - 10 finger - glove operation
Resolution	1920 x 1080 (Full HD)
Color value	16.7 M colors
Angle of vision	Wide View 178°
Contrast	3000:1 typical
Brightness	250 cd/ m² typical
Response time	3,8/ 1,2 typical (Tr/ Td)
Hardness grade display	7H, Anti-Glare
LED technology	Hi-Bright White LED Edge 1 Way