



MEDARIS

MP-522

Cost-efficient and hygienic
Medical Panel-PC.

CONTACT

HELSINKI OFFICE

LINNANHERRANKUJA 16, 00950 HELSINKI
TEL. +358 500 869742

MP-522 is a cost effective and easy to clean Panel PC for different types of patient treatment areas where the device is not required for maximum performance. The display is bright and has a capacitive touch screen, which can be controlled with your fingers or the included stylus.



INFO@AVEDONMEDICAL.COM



WWW.AVEDONMEDICAL.COM

MEDARIS MP-522

MP-522 ip rating is IP65/43. The casing is hygienic and made from plastic. Passive heat control is carried out by internal heat pipes that lead the heat to the heat grill located on the back of the device.

MP-522 can be used, for example, as the nurses work station and it can be also installed on a variety of racks and carts. The internal battery can be included as an option, which has about 45 minutes to 1 hour of operational time.



**21,5" passive cooled Medi-
cal-touch screen Panel-PC,
with LED backlight**

TECHNICAL INFO

Intel i7-3517U, i5-3317U
4-8 GB RAM
120-512 GB SSD
Win 7-10
4 x USB 2.0; 2 x LAN; 1 x DVI -I;
1 x Line in; 1 x Line out; 1 x
RS232; 1 x RS232,422,485
EN60601-1, EN60601-1-2

**Cost efficient and easily
cleanable Panel-PC**



MEDARIS MP-522

CPU	FCBGA1168 5th generation Intel Core i7/i5/i3 processor (15W max.)
Chipset	SoC
Graphics	Intel integrated HD Graphics 5500 by CPU
Memory	Two 1600 MHz DDR3L SODIMM socket support dual Channel, non-ECC, up to 16GB
Speaker	1.5 * 2
Touch-screen	21.5" / Full flat projective capacitive touch panel / SXGA 1920 x 1080 (Full HD) / 250 nits
External I/O	<ul style="list-style-type: none">▪ USB 3.0 x 2 & USB 2.0 x 2▪ COM x 2 (RS232, RS232/422/485:RS485 auto flow support)▪ Giga LAN x 2▪ DP x 2▪ 3.5mm Audio jack x 2 (Line-out, and Mic-in)▪ DC-In x 1, DC 7~32V input (9V~28V with battery pack)▪ Reset button x 1▪ Power adaptor▪ AC input 90~264V/47~63Hz /DC output 12V, Medical grade, 1.2 m DC cable▪ Power consumption▪ 82,62W (Max. loading without adaptor)▪ Control Keys▪ Power on/off, Brightness, Audio Volume, Backlight on/off, Clean me
Storage HDD	2.5" SATA HDD drive bay x 1 + anti-vibration kit, 500GB
Expansion	<ul style="list-style-type: none">▪ PCI-E (x4) x 1 or PCI x 1 (Optional)▪ Card size: 100mm (W) x 220mm (D) x 14mm (H)▪ Mini PCIe x 2 (52 pin card-edge type)
Regulations	<ul style="list-style-type: none">▪ FCC/CE/VCCI Class B,▪ cULus Mark/UL60601-1▪ EN60601-1 approved / ISO 14971 / IEC-62133▪ Energy star 6.1 compliance(Contact with Wincomm sales for detail)
Size	540 (H) x 375 (V) x 78 (T) (mm x mm x mm)
Weight	7 KG (approximate, w/o power adaptor)
OS Support	<ul style="list-style-type: none">▪ Windows 7 embedded, Windows 7 pro▪ Windows 8 embedded, Windows 8 industrial▪ Windows 10
Ordering information	<ul style="list-style-type: none">▪ WMP-22A-IP0A0; Core i5-5200U 2.20GHz, DDR3L 4G RAM, SATA3 500G HDD, Full flat P.cap touch▪ WMP-22A-IP0A1; Core i7-5500U 2.40GHz, DDR3L 4G RAM, SATA3 500G HDD, Full flat P.cap touch

Mechanical & environmental

Housing	<ul style="list-style-type: none">▪ Front: full flat design/Touch(standard), Glass (Customization)▪ Rear: Plastic + I/O cover w/ antibacterial treatment▪ Anti-bacteria (MRSA)
IP rating	IP 65 -Front side
Cooling	Fanless
Dimension	<ul style="list-style-type: none">▪ 540 (L) x 375 (H) x 78 (W) (mm x mm x mm)▪ Weight 7 KG (approximate, w/o power adaptor)

OPTIONS

- 802.11 a/b/g/n WLAN module (Mini PCIe)
- 802.11 a/b/g/n WLAN + bluetooth 4.0 module (Mini PCIe)
- Webcam (3.2M pixel, USB)
- Battery pack
- PCI-E [x4] riser card
- Power adaptor w/ 2.4m or 3.6m DC cable
- WMP series stand, VESA 75/100, white, L type
- Equipotential terminal pin
- TPM v1.2 module
- mSATA module
- AG Film
- Microphone on I/O cover
- 4KV Isolation Card x 1 (Isolation COM x 2, Isolation LAN x 1, Isolation USB x 1)
- RFID (13.56Hz)
- Power plug holder

CUSTOMIZATION

USB 5,6 or COM 3,4
Tempered glass
Resistive touch

LCD panel

Type	21,5" 16.9
Touch Technology	4 K HiRes Resistiv Touch, 5-wire high resolution 4096 x 4096 dpi
Resolution	1920 x 1080 (Full HD)
Color value	16.7 M colors(RGP 6-bit+ Hi FRC)
Angle of vision	Wide View 170° / 160° typical 10 % deviation
Contrast	1000:1
Touch Panel	
Type	Full flat projective capacitive touch panel
Light transmission	90% +- 3 %
Hardness	7H pencil, pressure 750g/45"
Life time	100M times