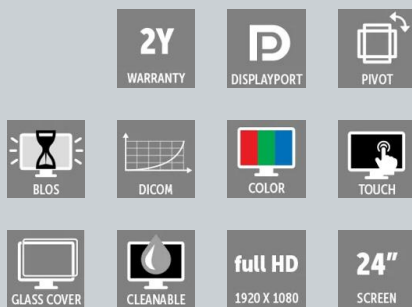


MAAC-2123

All-in-one touch display



- **Workstation and display in one**
- **Built for a wide variety of modality applications**
- **Optional touchscreen for excellent user experience**

Fit for image acquisition in multiple healthcare environments

The MAAC-2123 is a user interface designed for the review of multimodality images at acquisition systems – both mobile and fixed. It's an all-in-one 24" device that combines workstation (PC) and display in one single enclosure, for easy handling. Its thin and white design makes it easy to include in your healthcare environment.

Flexible and confident use

The display is DICOM-compliant and offers Backlight Output Stabilization and consistent image quality for confident use. The MAAC-2123 offers an extremely powerful CPU, which makes it fit for a wide variety of modality applications. Thanks to its long lifecycle, you'll be able to use this device with peace of mind for many years to come!

Optional touchscreen

With the MAAC-2123 5TW, you'll get the user interface with p-cap multi-touch screen and anti-glare coated glass, completing an excellent user experience. The MAAC-2123 5NW is a non-touch version without glass cover.

The MAAC-2123 comes with a standard warranty of 2 years, which can be extended through our ExtendedCare offering. Don't hesitate to contact us in case you have any question!

Product specifications**MAAC-2123**

Display	
Screen technology	AHVA (IPS alike)
Backlight	WLED
Active screen size (diagonal)	23.8" (604.7mm)
Active screen size (H x V)	527.04mm(H) x 296.46mm(V)
Aspect ratio (H:V)	16:09
Resolution	1920x1080 60Hz
Color imaging	Yes
Pixel size	0.275mm x 0.275mm
Response time	14ms
Color depth	16.7M colors (true 8 bits)
Viewing angle (H, V)	178/178 degree (Typical)
Brightness	400 nits (cd/m2) (Typical); 320nits (Min.)
Contrast ratio	1000:1 (Typical)
System specifications	
Touch screen	For Option: 5TW <ul style="list-style-type: none">■ Projected-Capacitive 10 points Multi Touch, USB interface.■ Surface Hardness: > 6H (P-CAP)
DICOM calibrated luminance	<ul style="list-style-type: none">■ Light Sensor on the Rear Side of Panel■ Brightness for Calibration and Light sensor enable spec: 200 cd/m2
CPU	<ul style="list-style-type: none">■ 6th Generation Intel® Core™ processor■ LGA 1151 socket type,■ Factory default: Intel® Core™ i5-6500TE Processor; 6M Cache, up to 3.30 GHz
Cooling	Smart FAN design
Graphics	Integrated Intel® HD Graphics
Ambient Light Compensation (ALC)	Preset values in OSD
Power	19V DC Input, 6.32A current rating, medical-grade 100V~240V 50/60Hz AC input power supply
Power consumption	45W (typ. WIN10 OS loaded only without peripherals connection) / 3W (stand-by)
Storage capacity	Two Removable 2.5" Storage bay with easy access mechanical lock design Factory default: 1 x 500G SATA HDD
System memory	2 x DDR4-1866/ 2133 SO-DIMM socket, support up to 16GB capacity: Factory default: 1x DDR4 8GB Memory
Operating system	Windows® 10 LTSB 2016 64 bit
Connectivity	
I/O ports	<ul style="list-style-type: none">■ 5 x LAN Ports: All support PXE and WOL (Factory default PXE Disable)■ 1 x Display Port (V1.2)■ 1 x Reset push button■ 1 x RS232 DB9 Male connector
USB ports	<ul style="list-style-type: none">■ 4 x USB 2.0 type A female, stackable 2x2 connector■ 2 x USB 3.0 type A female, stackable 1x2 connector■ 1 x Mini USB for Scalar Board Firmware Update■ 2 x USB 2.0 type A female on side panel

Product specifications

MAAC-2123

Audio

- H110 embedded HDA, with ALC886 codec
- No Internal Mic
- 1 x Earphone Jack Support Mic-in / Stereo Audio-out on Bottom I/O
- Integrated stereo speakers, 2 x 2Watt

Accessories

Mounting

VESA 100 mm standard; Fixed with 4 screws on stand
Stand screws: M4X14mm

Functionality

Height adjustable (100 mm +/-50 mm), tilt (-8° / +30°) and swivel (-45° / +45°), Pivot (portrait/landscape, 90°)

Compliance

Certifications

- China RoHS
- ROHS-2
- REACH
- WEEE

Safety

- CE safety (IEC 60601-1:2012 3.1 edition) and EMC (IEC 60601-1-2: 2014, EN 60601-1-2:2015)
- UL/cUL (ANSI/AAMI ES60601-1, CAN/SA-C22.2 No. 60601-1)
- FCC (CFR47 part 15 Class B)
- CCC (GB4943.1, GB9254, GB17625.1)

Physical characteristics

Mechanical

Material: Plastic

Dust-water protection

IP 33 front (touch model only)

Environmental conditions

Operating temperature

0 ~ 35°C (Still Air)

Storage -transport temperature

-20 °C to 60 °C

Storage humidity

20% -85% (non-condensing)

Storage -transport humidity

5% to 85% (non-condensing)

Operating pressure

70 to 106 kPa

Storage -transport pressure

50 to 106 kPa

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