

# 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"><li>■ Projected-Capacitive 10 points Multi Touch, USB interface.</li><li>■ Surface Hardness: &gt; 6H (P-CAP)</li></ul>
DICOM calibrated luminance	<ul style="list-style-type: none"><li>■ Light Sensor on the Rear Side of Panel</li><li>■ Brightness for Calibration and Light sensor enable spec: 200 cd/m2</li></ul>
CPU	<ul style="list-style-type: none"><li>■ 6th Generation Intel® Core™ processor</li><li>■ LGA 1151 socket type,</li><li>■ Factory default: Intel® Core™ i5-6500TE Processor; 6M Cache, up to 3.30 GHz</li></ul>
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"><li>■ 5 x LAN Ports: All support PXE and WOL (Factory default PXE Disable)</li><li>■ 1 x Display Port (V1.2)</li><li>■ 1 x Reset push button</li><li>■ 1 x RS232 DB9 Male connector</li></ul>
USB ports	<ul style="list-style-type: none"><li>■ 4 x USB 2.0 type A female, stackable 2x2 connector</li><li>■ 2 x USB 3.0 type A female, stackable 1x2 connector</li><li>■ 1 x Mini USB for Scalar Board Firmware Update</li><li>■ 2 x USB 2.0 type A female on side panel</li></ul>

## 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

Last updated: 22 Jun 2023

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