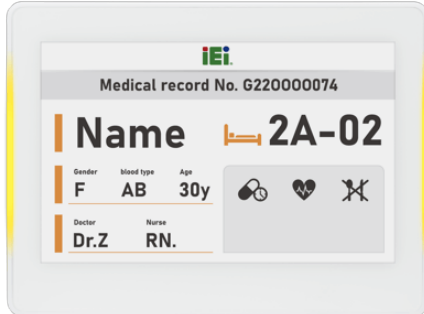


# IASO-W10B-IMX8M

## Data Acquisition Terminal



## Features

- » NXP i.MX 8M Mini Quad-core Cortex-A53 1.8 GHz
- » Programmable LED light bar on both side
- » 10-point PCAP touch with optical bonding
- » IEEE 802.3 PoE (optional)
- » RFID (NFC) reader (optional)

## Specifications

Display	
LCD Size	10.1"
LCD Resolution	1280 x 800
LCD Brightness (cd/m <sup>2</sup> )	400
LCD Contrast Ratio	800:1
LCD Color	16.7M (RGB 6-bit + Hi-FRC)
LCD Pixel Pitch (mm)	0.1695 x 0.1695 mm
LCD Viewing Angle (H-V)	178° /178°
LCD Backlight MTBF	30,000 (LED backlight)
Touch Screen	Projected capacitive type with 10-point multi-touch and optical bonding
Touch Controller	EETI
Touch Surface Hardness	6H
System	
Processor	NXP i.MX 8M Mini (Quad-core Cortex-A53 up to 1.8 GHz)
Supported OS	Android 12
Storage	
Storage	On-board 32GB eMMC NAND FLASH, up to 128GB
RAM	On-board 4GB LPDDR4X, up to 8GB
Audio	
Speaker	2 x 0.5W (internal speaker)
I/O Interface	
Rear I/O	1 x Reset button
	1 x Power button
	1 x 12V DC jack
	1 x RS-232
	1 x Audio jack (TRRS)
	1 x GbE LAN supporting PoE
	2 x USB 2.0 Type A
Indicator&Buttons	
Indicators	2 x LED light bar (each light bar has 10 programmable RGB LED with IEC62471 certification)
Physical Characteristics	
Thermal	Fanless
Construction Material	PC/ABS plastic
Mounting	VESA 75 x 75 mm

Weight (Net) (kg)	1.49
Weight (Gross) (kg)	2.86
Dimensions (LxWxH) (mm)	261 x 196.4 x 40
<b>Power</b>	
Power Adapter	65W medical grade power adapter
<b>Environment</b>	
Operating Temperature	0°C ~ 40°C
Storage Temperature	-20°C ~ 60°C
Humidity	10% ~ 95% (non-condensing)
Vibration	1G
Operating Shock	5G peak acceleration (11ms duration)
Non-operating shock	15G peak acceleration (11ms duration)
<b>Certifications</b>	
Safety & EMC	CE,FCC Class B Part 15B
	EN 55032 2015+A11:2020
	EN 55035 2017+A11:2020
	EN / IEC 62368-1

## Ordering Information

IASO-W10B-IMX8M-R10	10.1" 400cd/m <sup>2</sup> medical panel PC with NXP i.MX 8M Mini Cortex-A53 1.8 GHz, on board 4GB LPDDR4X,Wi-Fi 6 module, PCAP touchscreen,R10
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## Packing List

1 x Power Adapter (65W medical power adapter)	1 x Power Cord (European power cord, 183 cm, C13)
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