



21.5" PCAP Touch AIO **CA-ME215PE4**

**Intel Tigerlake 11th Gen UP3 Core-i
Processor**

**21.5" 16:9 FHD Panel supporting gloved
touch**

**Front IP65 dust and water ingress ion
protection**

Up to 64GB DDR4L SDRAM

Front Web Camera

Up to 1TB SSD

Customized Windows 10 IoT Enterprise

Elegant Fanless Design

IEC 60601 certified

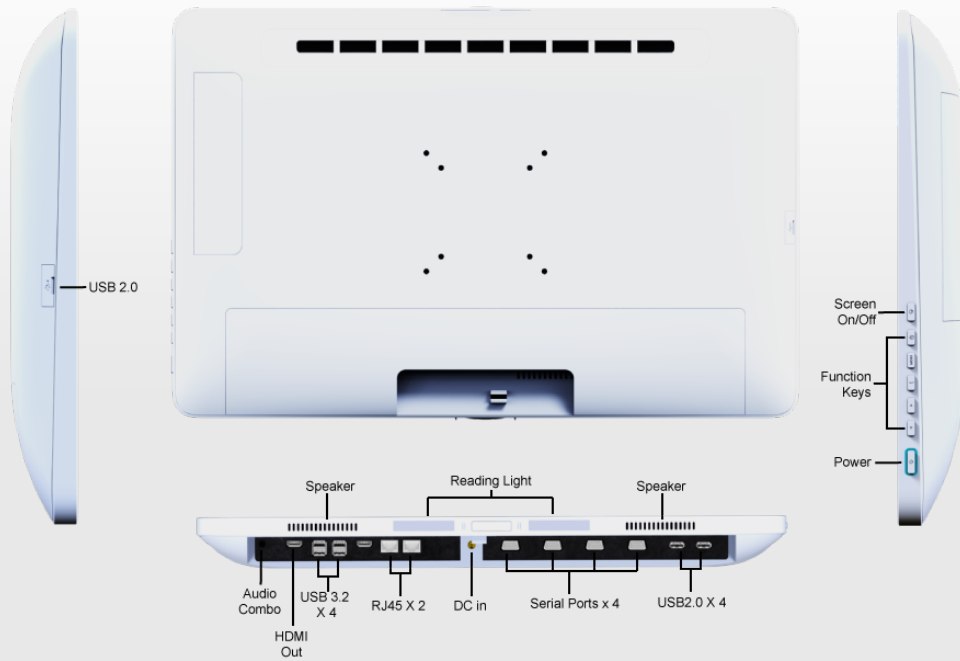
The CA-ME215PE4 is a 21.5" elegant fanless design AIO perfect for life sciences, medical carts, and medical applications. This AIO features Intel Tigerlake 11th Gen UP3 Core-i Processor and offers up to 64 GB RAM and 128 GB storage. This product also features required certifications and protections to work smoothly in these applications: front IP65 against dust and water ingress ion and IEC 60601. The CA-ME215PE4 offers performance and durability for optimal productivity in medical applications.

Specifications

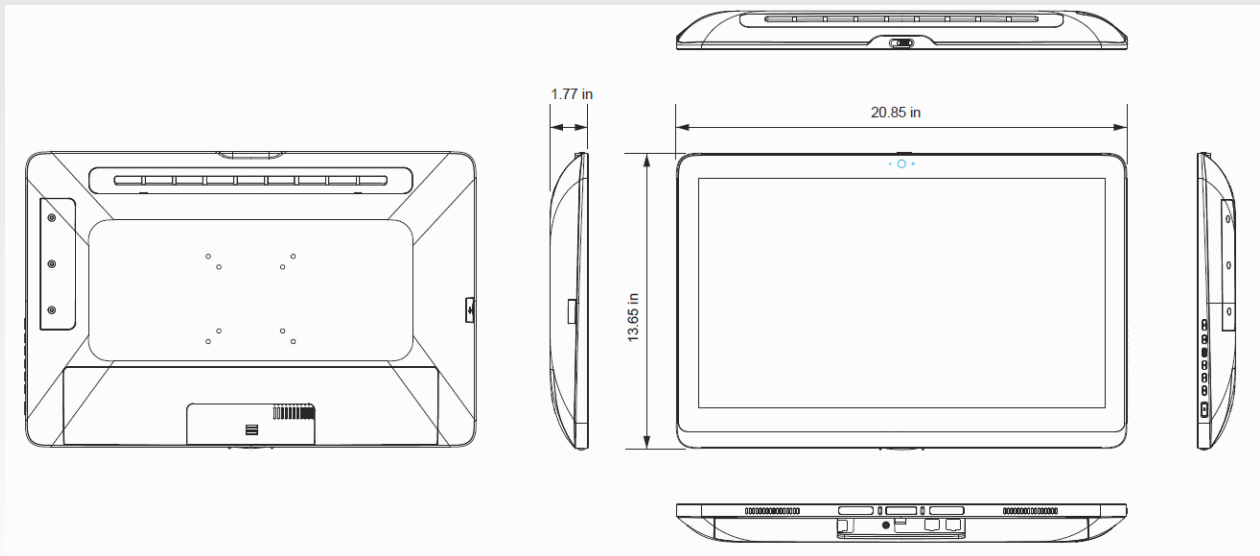
System		Cameras & Data Capture (Optional)	
Model	CA-ME215PE4	RFID	
CPU	Intel Tiger Lake UP3 Core-i5 Processor (Optional Core-i7)	Card Reader	
System Memory	8GB DDR4L SDRAM (2x slots DDR4-3200 MHz, up to 64GB)	Audio	
Security	Trusted Platform Module (TPM)	Microphone	1 x Audio Combo (Line-out/ Mic-in)
Storage	M.2 NVMe 128GB SSD (up to 1TB)	Speaker	2 x 3W
OS Support	Customized Windows 10 IoT Enterprise LTSB	Power Requirements	
Cameras	Front Web Camera: 2MP webcam with Digital Mic	AC adapter	Adapter: 19V/90W Input: 100~240 Vac / 50~60Hz Output: 90W Medical Adapter (19V @ 4.74 A Adapter)
Additional Features	Camera privacy latch Physical OSD Fanless design Reading light	Internal Battery	30min – 2 Hours
Display and Touch		Environment	
LCD Size / Type	21.5" FHD Panel	Operating Temperature	0°C to 40°C (32°F~104°F)
Panel Ratio	16:9	Storage Temperature	-20°C to 60°C (-4°F~140°F)
Max. Resolution	FHD	Operating Humidity (RH)	20 to 80%
Touch Screen	PCAP 10 point Touch (supports gloves touch)	IP Rating	IP 65 Front, IP X1 Back
Keyboard	PCAP 10 point Touch	Wall Mount VESA	75 x 75 mm 100 x 100 mm
Technology	Integrated Intel Graphics	Stand	Optional
I/O Ports		Regulatory Certifications	
HDMI	1 x HDMI output	EMC & Safety	IEC60601-1:2005+A1:2015 (Ed.3.1) IEC60601-1-2:2014 (Ed.4.0) IEC60601-1-6:2010+A1:2013 (Ed.3.1) ANSI/AAMI ES60601-1:2005/A1:2012 and C1:2009/©2012 and A2:2010/©2012 NSI/AAMI 60601-1-2 CAN/CSA-C22.2 No.60601-1-2 CAN/CSA-C22.2 No.60601-1:14 2.3.1.1.8 UL60950-1
Network	2 x RJ45 GbE LAN	RoHS	EU Directive 2011/65/EU
USB	4 x USB3.2, 2 x side USB2.0, 4x USB2.0(optional)	REACH	EC 1907/2006
Serial Ports (optional)	4x Serial Ports (RJ45)	Physical Properties	
Power Input	1 x DC IN	Dimensions (WxDxH)	20.85 in x 13.65 in x 1.77 in
Expansion Port	M.2 SSD	Net Weight	
Wireless Communication	Intel AX210 WIFI 6E Bluetooth 5.2		

* Specification subject to change without notice. Promotional imagery might not be an exact representation of all Part Numbers. Updated 08 March 2022

I/O Diagram



Mechanical Drawing



Ordering Information

Part Number	Description
CA-ME215PE4-W81WD*	21.5" Medical Grade AIO, Intel Tiger Lake UP3 Core-i5 Processor, Windows® 10 IoT Enterprise Entry (64bit, Multi-Language), 8G RAM, 128G SSD, WiFi, DC *Note: This is the base model. Other configurations might be available upon request.

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