



## **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  
protection**

**Up to 64GB DDR4L SDRAM**

**Front Web Camera**

**Up to 1TB SSD**

**Customized Windows 10 IoT Enterprise**

**Elegant Fanless Design**

**IEC 60601 certified**

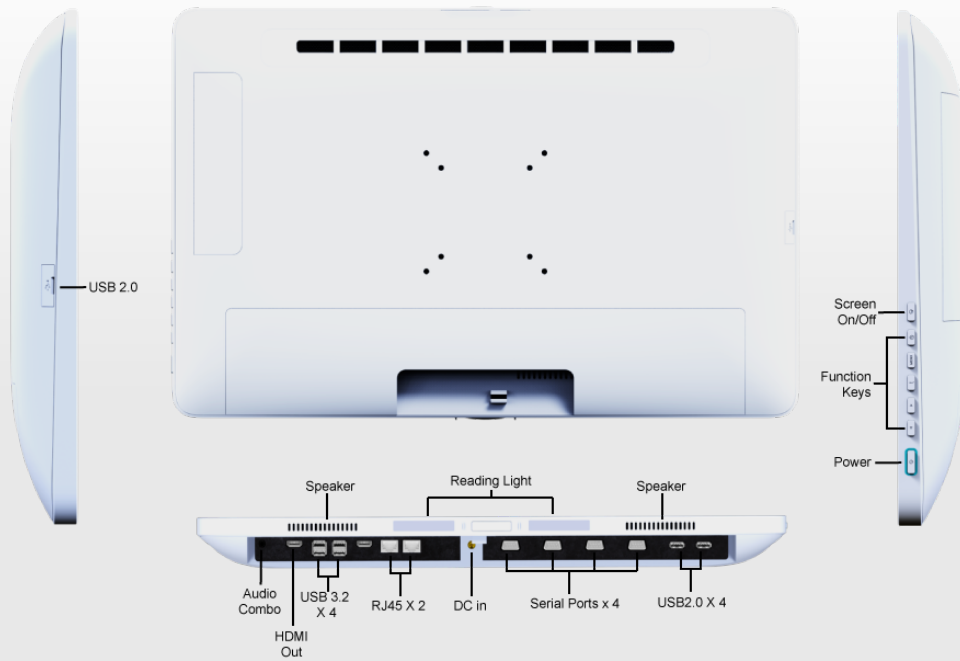
The CA-ME215PE4 is a 21.5” elegant fanless design AIO perfect for life sciences, medical carts, and medical applications. This AIO features Intel Tigerlake 11th Gen UP3 Core-i Processor and offers up to 64 GB RAM and 128 GB storage. This product also features required certifications and protections to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

# Specifications

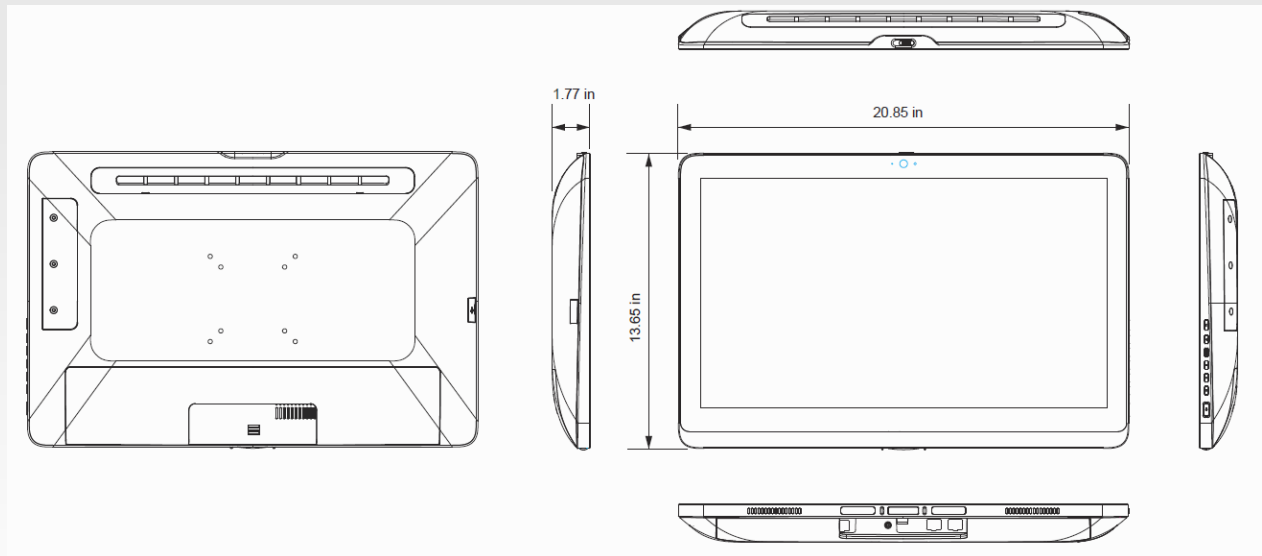
System		Cameras & Data Capture (Optional)	
<b>Model</b>	CA-ME215PE4	<b>RFID</b>	
<b>CPU</b>	Intel Tiger Lake UP3 Core-i5 Processor (Optional Core-i7)	<b>Card Reader</b>	
<b>System Memory</b>	8GB DDR4L SDRAM (2x slots DDR4-3200 MHz, up to 64GB)	Audio	
<b>Security</b>	Trusted Platform Module (TPM)	<b>Microphone</b>	1 x Audio Combo (Line-out/ Mic-in)
<b>Storage</b>	M.2 NVMe 128GB SSD (up to 1TB)	<b>Speaker</b>	2 x 3W
<b>OS Support</b>	Customized Windows 10 IoT Enterprise LTSB	Power Requirements	
<b>Cameras</b>	Front Web Camera: 2MP webcam with Digital Mic	<b>AC adapter</b>	Adapter: 19V/90W Input: 100~240 Vac / 50~60Hz Output: 90W Medical Adapter (19V @ 4.74 A Adapter)
<b>Additional Features</b>	Camera privacy latch Physical OSD Fanless design Reading light	<b>Internal Battery</b>	30min – 2 Hours
Display and Touch		Environment	
<b>LCD Size / Type</b>	21.5" FHD Panel	<b>Operating Temperature</b>	0°C to 40°C ( 32°F~104°F )
<b>Panel Ratio</b>	16:9	<b>Storage Temperature</b>	-20°C to 60°C ( -4°F~140°F )
<b>Max. Resolution</b>	FHD	<b>Operating Humidity (RH)</b>	20 to 80%
<b>Touch Screen</b>	PCAP 10 point Touch (supports gloves touch)	<b>IP Rating</b>	IP 65 Front, IP X1 Back
<b>Keyboard</b>	PCAP 10 point Touch	<b>Wall Mount VESA</b>	75 x 75 mm 100 x 100 mm
<b>Technology</b>	Integrated Intel Graphics	<b>Stand</b>	Optional
I/O Ports		Regulatory Certifications	
<b>HDMI</b>	1 x HDMI output	<b>EMC &amp; Safety</b>	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
<b>Network</b>	2 x RJ45 GbE LAN	<b>RoHS</b>	EU Directive 2011/65/EU
<b>USB</b>	4 x USB3.2, 2 x side USB2.0, 4x USB2.0(optional)	<b>REACH</b>	EC 1907/2006
<b>Serial Ports (optional)</b>	4x Serial Ports (RJ45)	Physical Properties	
<b>Power Input</b>	1 x DC IN	<b>Dimensions (WxDxH)</b>	20.85 in x 13.65 in x 1.77 in
<b>Expansion Port</b>	M.2 SSD	<b>Net Weight</b>	
<b>Wireless Communication</b>	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.

**Buy Online:** [www.ContecAmericas.com](http://www.ContecAmericas.com)

**Contec Americas Inc.**  
3991 Sarno Rd.  
Melbourne, FL 32934

**Toll Free:** (888) 285-0172

**Local:** (321) 728-0172

**Email:** [sales@us.contec.com](mailto:sales@us.contec.com)

**Global Website:** [www.Contec.com](http://www.Contec.com)