

# POC-621

## 21" Point-of-Care Terminal with Intel 8th Generation Processor



### Features

- Intel® 8th generation, Whiskey Lake processor
- 21.5" full HD display with P-cap multi-touch panel
- Rich connections consisting of USB 3.1 type C (with Display Port function), USB 3.1, and HDMI
- Expandable system allowing PCIe(x4)/ mini PCIe/ M.2 slots for add-on modules
- IP54-rated protection and fanless design for infection control
- Support device management via DeviceOn
- Optional WiFi, Bluetooth, RFID, Li-ion battery pack, and autofocus 5M pixel camera
- Optional Hot Swappable Battery Accessory with capacity up to 180Wh for mobile applications



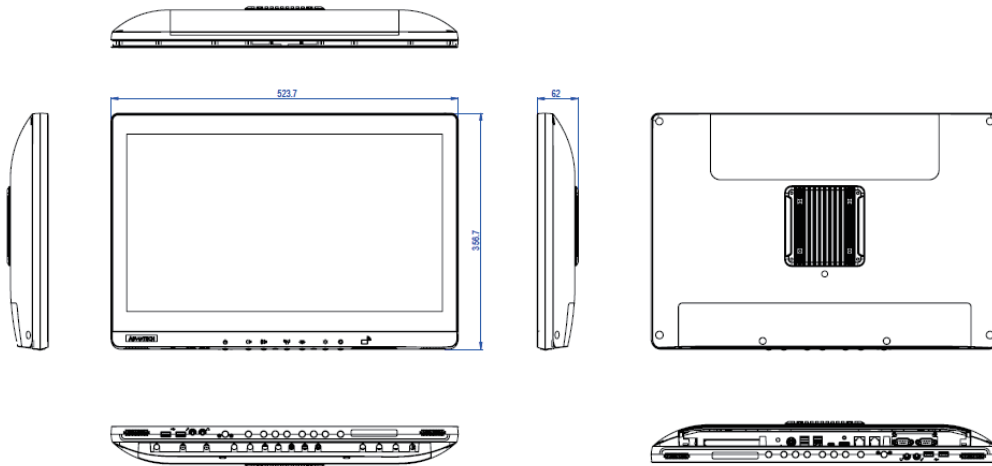
### Specifications

Computing System	CPU*	Intel® Core™ i7-8665UE Processor (8M Cache, up to 4.40 GHz) Intel® Core™ i5-8365UE Processor (6M Cache, up to 4.10 GHz)
	Memory (default)	8GB DDR4 (supports up to 32GB DDR4 SODIMM)
	Operating System (Optional)	Windows 10 IoT Ent (64 bits only), Linux (support by request)
Storage	Primary Storage (Default)	NVME SSD 256GB (M.2 2280)
	Secondary Storage (optional)	SATA 2.5" SSD available
Display	Size	21.5" wide
	Max Resolution	1920 x 1080
Touch	Type	Projected Capacitive 10-points (Clear Glass). (optional AG/AR support by request)
I/O ports	USB 3.1 Type A	2
	USB 3.1 Type C	1 (with Display Port function)
	HDMI	1
	LAN isolation, 1.5KV	2
	USB 2.0 Type A	4
	Mic in/ Head phone out	1/1
Expansion Slots	PCIe x 4	1(supports Card length of 167.65mm)
	iDoor: COM (RS232) 1.5KV	2 x COM ports
	M.2 2230	1 (for Wifi/ Bluetooth module)
	Mini PCIe	1 (Full Size)
Other Functions	Speaker	2x (2 watts)
	LED Book Light	2
	Camera	5M pixel (optional)
	TPM 1.2/2.0	2.0 (default by software support)
Power Input	DC / AC	DC 18V / AC 100 ~ 240V
IP Rating	Front Cover	IP65
	Rear Cover	IP54
Authentication Solution (Choose 1)	RFID	optional
	Smart Card Reader	optional
Battery Solutions (Choose 1)	Backup Battery	1 (optional*) (*will occupy PCIe4 slot. Backup battery or PICex4 - choose 1)
	Hot Swappable Battery Module	1 battery module with two batteries
Certificate	EMC & Safety Cert.	Medical CE, FCC
		EN 60601-1 Compliance UL 60601-1
Physical Characteristics	Dimensions (W x D x H)	523 x 356 x 62 mm (20.59" x 14.02" x 2.44")
	VESA Mount	100 x 100; 75 x 75

\*Celeron CPU support by request

## Dimensions

Unit: mm

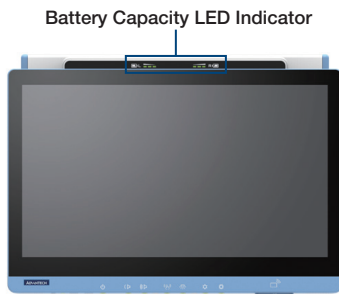


## Ordering Information

PN	PN Description	CPU	DRAM	Touch	SSD	RFID
POC-621-11A11D-CA	DC in 21 inch, Intel Whiskey Lake Core i7, 8GB memory, 256GB SSD, IP54, 1.5KV COM x 2, Clear type P-cap touch	i7	8GB	P-CAP	256GB	
POC-621-11A11R-CA	DC in 21 inch, Intel Whiskey Lake Core i7, 8GB memory, 256GB SSD, IP54, 1.5KV COM x 2, RFID reader and Clear type P-cap touch	i7	8GB	P-CAP	256GB	Yes
POC-621-11B11D-CA	DC in 21 inch, Intel Whiskey Lake Core i5, 8GB memory, 256GB SSD, IP54, 1.5KV COM x 2, Clear type P-cap touch	i5	8GB	P-CAP	256GB	
POC-621-11B11R-CA	DC in 21 inch, Intel Whiskey Lake Core i5, 8GB memory, 256GB SSD, IP54, 1.5KV COM x 2, RFID reader and Clear type P-cap touch	i5	8GB	P-CAP	256GB	Yes

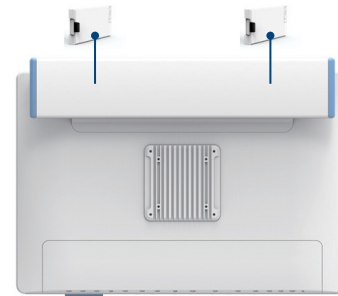
## POC-621+ Hot Swappable Battery Accessory

Front

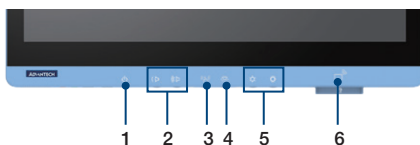


Back

2 Battery packs inside for hot swapping

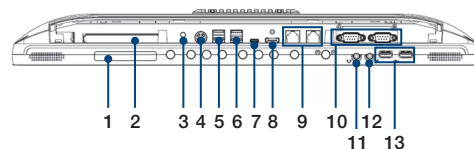


## Front Function Keys



1. Power
2. Volume Down/Up
3. Touchscreen Status Control
4. Read Light Control
5. Brightness Decrease/Increase
6. RFID or Smart Card Reader(Optional)\*  
\*RFID or Smart Card Reader- choose 1

## I/O Ports



1. RFID or Smart Card Reader (Optional)\*
2. PCIe(x4) slot
3. Equipotential Terminal Pin
4. DC In
5. 2 x USB 3.1 Ports
6. 2 x USB 2.0 Ports
7. 1 x USB 3.1 Type C
8. HDMI
9. 2 x Gigabit Ethernet
10. iDoor module: 2xCOM (RS232)
11. Headphone Out
12. MIC-in
13. 2 x USB2.0 Ports