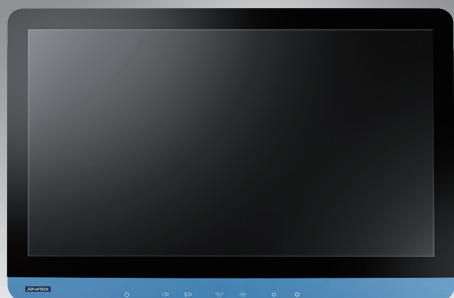


POC-624

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



Features

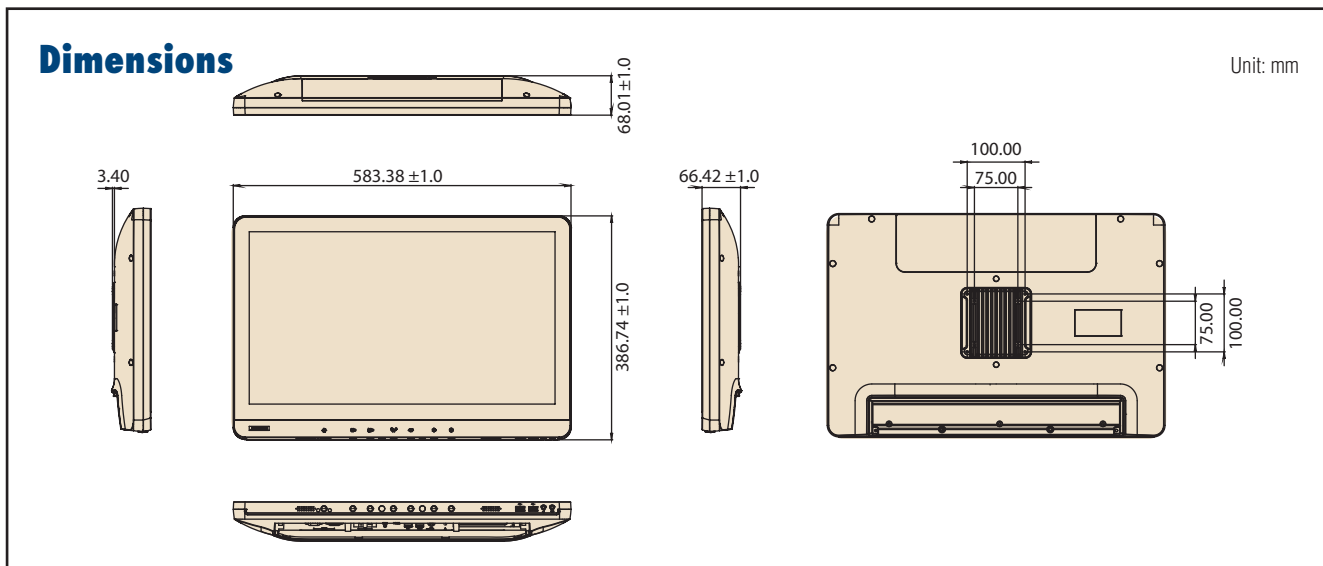
- Intel® 8th generation, Whiskey Lake processor
- 24" full HD display with P-cap multi-touch panel
- Rich connections consisting of USB 3.0 type C (display function), USB 3.1, and HDMI
- Expandable system allowing PCIe(x4)/ mini PCIe/ M.2 slots for add-on modules
- IP54-rated protection and fanless design for infection control
- Support device management via DeviceOn
- Optional WiFi, Bluetooth, RFID, Li-ion battery pack, and autofocus 5M pixel camera
- Optional hot swapping power system with capacity up to 180W 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)	8G 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)	2.5" SATA SSD available
Display	Size	23.8"
	Max Resolution	1920 x 1080 Full HD
Touch	Type	Projected Capacitive 10-points (Clear Glass). AG/AR support by request)
I/O ports	USB 3.1 Type A	2
	USB 3.0 Type C	1 (Display function)
	HDMI	1
	LAN isolation, 1.5KV	2
	USB 2.0 Type A	4
	Mic in/ Head phone out	1/1
	COM (RS232) 1.5KV	2xCOM
Expansion Slots	PCIe x 4	1 (supports length of 167.65mm)
	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 (choose 1)	DC model : 18V, max. 100W / or AC model: 100 ~ 240V, max. 150W
IP Rating	Front Panel	IP65
	System	IP54
Authentication Solution (Choose 1)	RFID	optional (choose one of either RFID or Smart Card)
	Smart Card Reader	optional (choose one of either RFID or Smart Card)
Battery Solutions (Choose 1)	Backup Battery	1 (optional*) (**will occupy PCIex4 slot. Backup battery or PICex4 - choose 1)
	Hot Swapping Battery Module	hot swapping battery module with 2pcs batteries (optional - choose one of either backup battery or battery module)
Certificate	EMC & Safety Certificate	Medical CE, FCC (IEC 60601-1-2, 4th edition)
		EN 60601-1 Compliance UL 60601-1
Physical Characteristics	Dimensions (W x H x D)	584 x 387 x 67 mm (22.9" x 15.2" x 2.6")
	VESA Mount	100 x 100; 75 x 75 mm
	Weight	7.78 kg (17.15lb)
Environment	Temperature	Operating: 0 °C ~ +35
		Storage: -20 °C ~ +60 °C
Warranty	Warranty	System : 3 year Battery Pack: Capacity 70%, 300 cycles or 1 year (Depends on which term come first.)

*Celeron CPU support by request



Unit: mm

Ordering Information

Ordering Information (DC model)

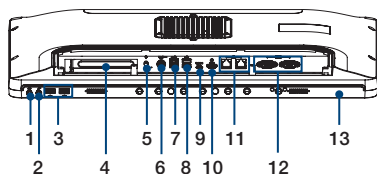
PN	PN Description	CPU*	RAM	Touch	SSD	RFID
POC-624-11A11D-CA	DC in, 24 inch, Intel Whiskey Lake Core i7, 8GB 256GB SSD, IP54, 1.5KV COM x 2, and Clear type P-cap touch	i7	8GB	P-CAP	256GB	
POC-624-11A11R-CA	DC in 24 inch, Intel Whiskey Lake Core i7, 8G memory, 256GB SSD, IP54, 1.5KV COM x 2, RFID and Clear type P-Cap touch	i7	8GB	P-CAP	256GB	Yes
POC-624-11B11D-CA	DC in 24 inch, Intel Whiskey Lake Core i5, 8GB memory, 256GB SSD, IP54, 1.5KV COM x 2, and Clear type P-cap touch	i5	8GB	P-CAP	256GB	
POC-624-11B11R-CA	DC in 24 inch, Intel Whiskey Lake Core i5, 8G memory, 256GB SSD, IP54, 1.5KV COM x 2, RFID and Clear type P-Cap touch	i5	8GB	P-CAP	256GB	Yes

Ordering Information (AC model)

PN	PN Description	CPU*	RAM	Touch	SSD	RFID
POC-624-01A11D-CA	AC in, 24 inch, Intel Whiskey Lake Core i7, 8GB 256GB SSD, IP54, 1.5KV COM x 2, and Clear type P-cap touch	i7	8GB	P-CAP	256GB	
POC-624-01A11R-CA	AC in 24 inch, Intel Whiskey Lake Core i7, 8G memory, 256GB SSD, IP54, 1.5KV COM x 2, RFID and Clear type P-Cap touch	i7	8GB	P-CAP	256GB	Yes
POC-624-01B11D-CA	AC in 24 inch, Intel Whiskey Lake Core i5, 8GB memory, 256GB SSD, IP54, 1.5KV COM x 2, and Clear type P-cap touch	i5	8GB	P-CAP	256GB	
POC-624-01B11R-CA	AC in 24 inch, Intel Whiskey Lake Core i5, 8G memory, 256GB SSD, IP54, 1.5KV COM x 2, RFID and Clear type P-Cap touch	i5	8GB	P-CAP	256GB	Yes

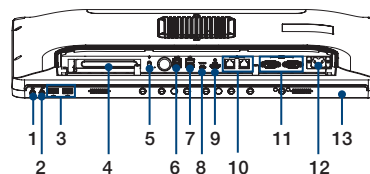
*Celeron CPU support by request

I/O Ports (DC model)



- | | |
|-------------------------------|-----------------------------------|
| 1. Speaker Out | 8. 2 x USB2.0 Ports |
| 2. MIC In | 9. 1 x USB 3.0 Type C |
| 3. 2 x USB 2.0 | 10. HDMI |
| 4. PCIe(x4) slot | 11. 2 x Gigabit Ethernet |
| 5. Equipotential Terminal Pin | 12. iDoor module: 2 x COM (RS232) |
| 6. DC In | 13. Smart Card Reader (option) |
| 7. 2 x USB3.0 Ports | |

I/O Ports (AC model)



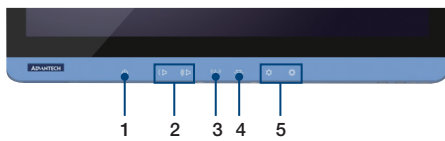
- | | |
|-------------------------------|---------------------------------|
| 1. Speaker Out | 8. 1 x USB 3.0 Type C |
| 2. MIC In | 9. HDMI |
| 3. 2 x USB 2.0 | 10. 2 x Gigabit Ethernet |
| 4. PCIe(x4) slot | 11. iDoor module: 2xCOM (RS232) |
| 5. Equipotential Terminal Pin | 12. AC-In |
| 6. 2 x USB3.0 Ports | 13. Smart Card Reader (option) |
| 7. 2 x USB2.0 Ports | |

Optional Battery Module

PN	PN Description
POC-BAT-101-6A	Internal backup battery
POC-BAT-201-62	Hot swapping battery module with two pieces batteries
POC-IPSM90B2	Battery Pack (2 pcs) of POC - Power System
POC-IPSM90CS3	Charging station (3 slots) of POC - Power System



Front Function Keys



- 1. Power
- 2. Volume Down/Up
- 3. Touchscreen Status Control
- 4. Read Light Control
- 5. Brightness Decrease/Increase

