

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



- Intel® 8th generation, Whiskey Lake processor
- 24" 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 270Wh for mobile applications

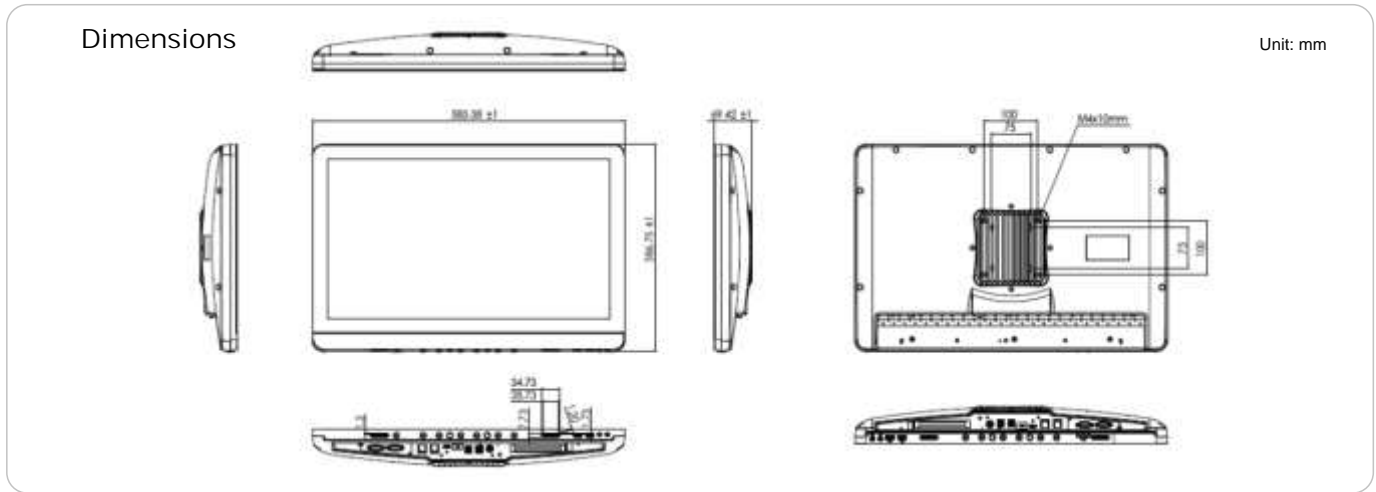
Spezifikationen

Computer 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	8GB DDR4 (supports up to 32GB DDR4 SODIMM)
	Operating System (opt.)	Windows 10 IoT Ent (64 bits only), Linux (support by request)
Storage	Primary Storage (Default)	NVME SSD 256GB (M.2 2280)
	Secondary Storage (opt.)	SATA 2.5" SSD available
Display	Size	23.8" wide
	Max. Resolution	1920 x 1080
Touch	Typ	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
	USB 2.0 Type A	4
	Mic in/ Head phone out	1/1
	LAN isolation 1,5 KV	2
Expansion Slots	PCIe x 4	1 (supports Card length of 167.65mm)
	iDoor: COM/RS232) 1,5KV	2x COM Ports
	M.2 2230	1 (for WiFi/Bluetooth mode)
	Mini PCIe	1 (Full Size)
Other Functions	speaker	2x (2 watts)
	LED reading light	2
	camera	5 MP (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 (Choose 1)	RFID	optional
	Smart Card Reader	optional
Battery Solution (Choose 1)	Backup Battery	1 (optional*) (*will occupy PCIe x4 slot. Backup battery or PCIe x4 - choose 1)
	Hot Swappable Battery Mod.	available with POC-IPSM90 Power System (optional)
Certificate	EMC & Safety Certificate	Medical CE, FCC
		EN 60601-1 Compliance
		UL 60601-1

* Celeron CPU support by request



Physical Characteristics	Dimensions VESA Mount	WxDxH: 583 x 386 x 69 mm (22.95" x 15.19" x 2.71") 100 x 100; 75 x 75
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Ordering Information

Part Number	Part Number Description	CPU	DRAM	Touch	SSD	RFID
POC-624-11A11D-CF	DC in 24 Inch, Intel Whiskey Lake Core i7, 8GB Memory, 256GB SSD, IP54, 1.5KV COM x 2, Clear Type P-cap Touch, F-Version	i7	8GB	P-CAP	256GB	
POC-624-11A11D-CF	DC in 24 Inch, Intel Whiskey Lake Core i7, 8GB Memory, 256GB SSD, IP54, 1.5KV COM x 2, RFID reader und Clear Typ P-cap Touch, F-Version	i7	8GB	P-CAP	256GB	yes
POC-624-11B11D-CF	DC in 24 Inch, Intel Whiskey Lake Core i5, 8GB Memory, 256GB SSD, IP54, 1.5KV COM x 2, Clear Type P-cap Touch, F-Version	i5	8GB	P-CAP	256GB	
POC-624-11B11R-CF	DC in 24 Inch, Intel Whiskey Lake Core i5, 8GB Memory, 256GB SSD, IP54, 1.5KV COM x 2, RFID reader and Clear type P-cap touch, F version	i5	8GB	P-CAP	256GB	yes

Optional hot swapping Power System

Part Number	Part Number Description
POC-IPSM90PS2	POC- Power System w/ 2 batteries, VESA, cables
POC-IPSM90PS3	POC- Power System w/ 3 batteries, VESA, cables
POC-IPSM90B2	Battery Pack (2 pcs) of POC - Power System
POC-IPSM90CS3	Charging station (3 slots) of POC - Power System
POC-IPSM90PSA	Adapter (optional) of POC - Power System



POC-624 with POC-IPSM90 Power System

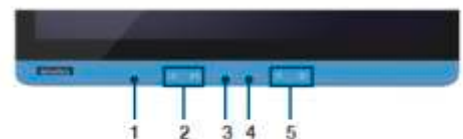
POC-IPSM90 charging station

I/O Ports



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|--------------------------------|------------------------------------|
| (1) Headphone Out (optional) | (7) 2x USB 3.1 Ports |
| (2) MIC In | (8) 2 x USB2.0 Ports |
| (3) 2x USB 2.0 | (9) 1 x USB 3.1 Type C |
| (4) PCI(x4) slot | (10) HDMI |
| (5) Equipotential Terminal Pin | (11) 2x Gigabit Ethernet |
| (6) DC In | (12) iDoor module: 2 x COM (RS232) |

Front Function Keys



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|--------------------------------|----------------------------------|
| (1) Power | (4) Read Light Control |
| (2) Volume Down/Up | (5) Brightness decrease/increase |
| (3) Touchscreen Status Control | |