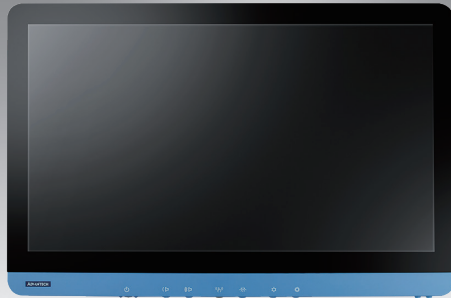


# POC-624

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



### Features

- 8th generation Intel® Core™ i5/i7 processor
- 23.8" full HD display with multi-touch P-CAP control
- Multiple I/O, including USB 3.2 Gen 2 (Type A), USB 3.2 Gen 2 (Type C) with display function, and HDMI
- PCIe x4, mini PCIe, M.2 expansion slots for integrating add-on modules
- Fanless design with IP54-rated protection for superior hygiene and infection control
- Equipped with Advantech's DeviceOn device management software
- Optional Wi-Fi, Bluetooth, RFID, smart card reader, Li-ion battery pack, and auto-focus 5 megapixel camera
- Optional hot-swapping battery module with up to 180Wh capacity for mobile applications

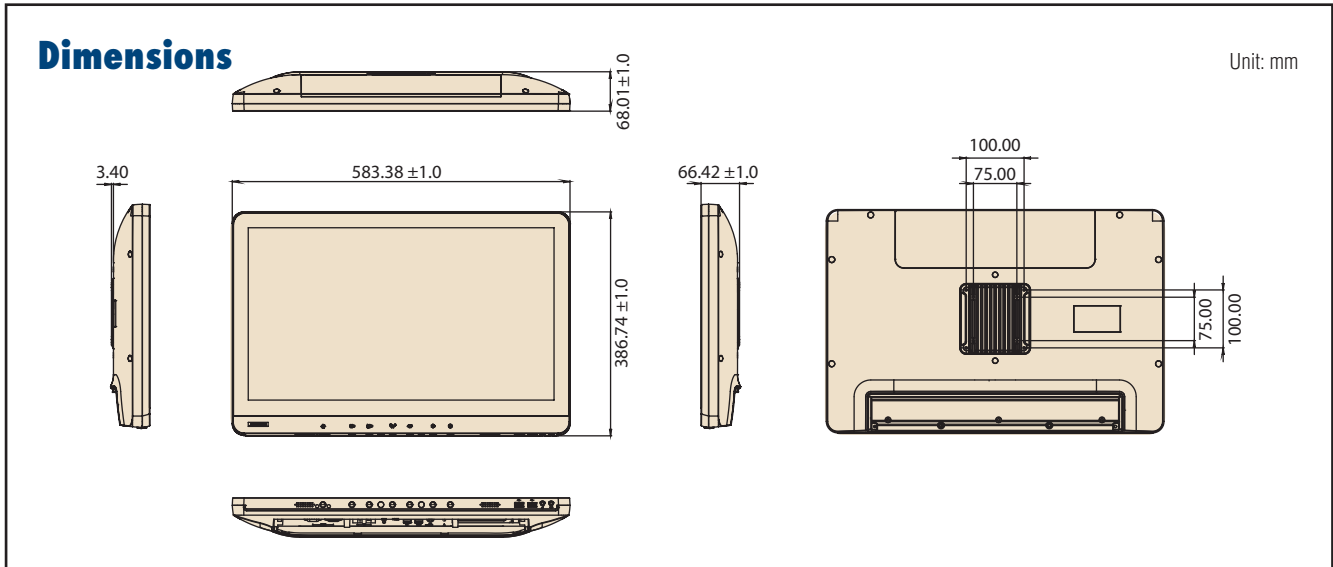


### Specifications

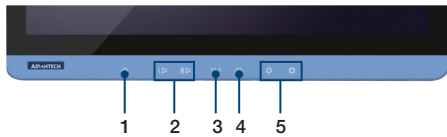
|                                    |                              |  |
|------------------------------------|------------------------------|--|
| System                             | Processor*                   | Intel® Core™ i7-8665UE (8M cache, up to 4.40 GHz)<br>Intel® Core™ i5-8365UE (6M cache, 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 (supported upon request)                                      |
| Storage                            | Primary Storage (default)    | NVME SSD 256GB (M.2 2280)  |
|                                    | Secondary Storage (optional) | 2.5" SATA SSD available  |
| Display                            | Size                         | 23.8 inch  |
|                                    | Max. Resolution              | 1920 x 1080  |
| Touch                              | Type                         | 10-point multi touch P-CAP (clear glass); optional AG/AR support upon request                          |
| I/O                                | USB 3.2 Gen 2 (Type A)       | 2  |
|                                    | USB 3.2 Gen 2 (Type C)       | 1 (with display function)  |
|                                    | USB 2.0 Type A               | 4  |
|                                    | HDMI                         | 1  |
|                                    | LAN isolation, 1.5KV         | 2  |
|                                    | Mic-In/Headphone-Out         | 1/1  |
|                                    | COM (RS232) 1.5KV            | 2  |
| Expansion Slots                    | PCIe x4**                    | 1 (card length: 167.65 mm/6.6 in)  |
|                                    | M.2 2230                     | 1 (for Wi-Fi/Bluetooth module)   |
|                                    | Mini PCIe                    | 1 (full size)  |
| Other Functions                    | Speaker                      | 2 x 2W   |
|                                    | LED Book Light               | 2  |
|                                    | Camera                       | 1 x 5 megapixel (optional)   |
|                                    | TPM 1.2/2.0                  | 2.0 (default via software)   |
| Power Input                        | DC/AC                        | DC model: 18V, max. 100W/AC model: 100 ~ 240V, max. 150W (choose either DC or AC model)                |
| IP Rating                          | Front Panel                  | IP65   |
|                                    | System                       | IP54   |
| Authentication Solution (Choose 1) | RFID Reader                  | Optional (choose either RFID or smart card reader)   |
|                                    | Smart Card Reader            | Optional (choose either RFID or smart card reader)   |
| Battery Solutions (Choose 1)       | Backup Battery**             | Optional (choose either 1 backup battery or PCIe4)   |
|                                    | Hot-Swapping Battery Module  | Optional with 2 x batteries (choose either backup battery or battery module)                           |
| Certification                      | EMC & Safety                 | Medical CE, FCC (IEC 60601-1-2, 4th edition)   |
|                                    |                              | EN 60601-1 Compliance  |
|                                    |                              | UL 60601-1   |
| Physical Characteristics           | Dimensions (W x H x D)       | 583 x 387 x 68 mm/22.95 x 15.2 x 2.68 in   |
|                                    | VESA Mount                   | 100 x 100; 75 x 75 mm  |
|                                    | Weight                       | 7.78 kg/17.15 lb   |
| Environment                        | Operating Temperature        | 0 ~ 35 °C/32 ~ 95 °F   |
|                                    | Storage Temperature          | 0 ~ 50 °C/32 ~ 122 °F  |
| Warranty                           | System                       | 3 years  |
|                                    | Battery Pack                 | 1 year or capacity 70% and 300 cycles (whichever happens first)  |

\*Intel® Celeron® processor available upon request.

\*\*Either PCIe x4 or backup battery can be chosen.

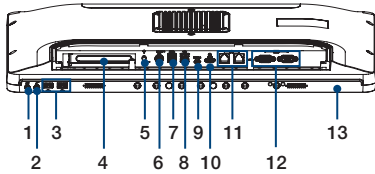


### Front Function Keys



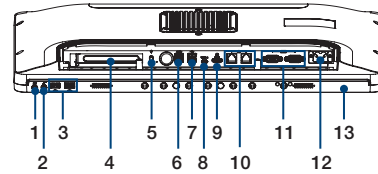
- 1. Power button
- 2. Volume down/up
- 3. Touchscreen status control
- 4. Read light control
- 5. Brightness down/up

### I/O Ports (DC Model)



- 1. Headphone-out
- 2. Mic-in
- 3. 2 x USB 2.0
- 4. 1 x PCIe x4 slot
- 5. Equipotential terminal pin
- 6. DC-in
- 7. 2 x USB 3.2 (Type A)
- 8. 2 x USB 2.0
- 9. 1 x USB 3.2 (Type C)
- 10. HDMI
- 11. 2 x Gigabit Ethernet
- 12. 2 x COM (RS-232)
- 13. Smart card reader (optional)

### I/O Ports (AC Model)



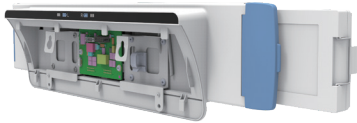
- 1. Headphone-out
- 2. Mic-in
- 3. 2 x USB 2.0
- 4. 1 x PCIe x4 slot
- 5. Equipotential terminal pin
- 6. 2 x USB 3.2 (Type A)
- 7. 2 x USB 2.0
- 8. 1 x USB 3.2 (Type C)
- 9. HDMI
- 10. 2 x Gigabit Ethernet
- 11. 2 x COM (RS-232)
- 12. AC-in
- 13. Smart card reader (optional)

### Ordering Information

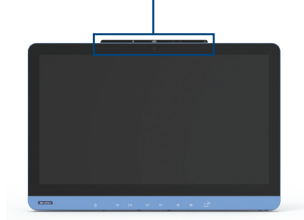
| Part Number (DC Model) | Part Number (AC Model) | Description   | CPU* | RAM | Touch | SSD   | RFID |
|------------------------|------------------------|---|------|-----|-------|-------|------|
| POC-624-11A11D-CA      | POC-624-01A11D-CA      | Intel® Core i7, 8GB memory, 256GB SSD, IP54, 2 x COM 1.5KV, and clear glass with P-CAP touch              | i7   | 8GB | P-CAP | 256GB |      |
| POC-624-11A11R-CA      | POC-624-01A11R-CA      | Intel® Core i7, 8GB memory, 256GB SSD, IP54, 2 x COM 1.5KV, RFID reader, and clear glass with P-CAP touch | i7   | 8GB | P-CAP | 256GB | Yes  |
| POC-624-11B11D-CA      | POC-624-01B11D-CA      | Intel® Core i5, 8GB memory, 256GB SSD, IP54, 2 x COM 1.5KV, and clear glass with P-CAP touch              | i5   | 8GB | P-CAP | 256GB |      |
| POC-624-11B11R-CA      | POC-624-01B11R-CA      | Intel® Core i5, 8GB memory, 256GB SSD, IP54, 2 x COM 1.5KV, RFID reader, and clear glass with P-CAP touch | i5   | 8GB | P-CAP | 256GB | Yes  |

## Accessories

### Hot-Swapping Battery Module



LED Indicator



Battery module contains 2 x battery packs



### Backup Battery (Internal)



Charging Station



Battery Packs



## Battery Modules

| Part Number     | Description                                      |
|-----------------|--|
| POC-BAT-101-6A* | Backup battery (internal)                        |
| POC-BAT-201-62* | Hot-swapping battery module for POC-621/624      |
| POC-IPSM90B2    | Battery pack (2 x pcs) of POC power system       |
| POC-IPSM90CS3   | Charging station (3 x slots) of POC power system |

\*Choose either a backup battery or hot-swapping battery module.

## Battery Module

|                       |   |
|-----------------------|---|
| Battery Pack Type     | Lithium-ion battery                     |
| Battery Pack Capacity | 90Wh                                    |
| Total Capacity        | 180Wh (2 x batteries, 90Wh per battery) |
| Battery Runtime       | 6 - 8 hours                             |
| Battery Lifespan      | 300 cycle time $\geq$ 70%               |
| Capacity Indicator    | LED indicator with button               |
| Weight                | 1.8 kg/1.1 lb                           |

## Power Cord

| Region                      | Part Number (DC Model) | Part Number (AC Model) |
|-----------------------------|------------------------|------------------------|
| USA (Thailand, Philippines) | 1702002600             | 1700001524             |
| Europe (Indonesia)          | 1702002605             | 170203183C             |
| UK (Singapore, Malaysia)    | 1700018704             | 170203180A             |
| Japan (PSE)                 | 1700000237             | 1700008921             |

## CTOS Service

### Ordering Information (Barebone Units)

| Part Number (DC Model) | Part Number (AC Model) | Description  | CPU | RAM | Touch | SSD |
|------------------------|------------------------|--|-----|-----|-------|-----|
| POC-624-11A110-CA      | POC-624-01A110-CA      | Intel® Core i7, IP54, 2 x COM 1.5KV, and clear glass with P-CAP touch (without memory and SSD) | i7  | NA  | P-CAP | NA  |
| POC-624-11B110-CA      | POC-624-01B110-CA      | Intel® Core i5, IP54, 2 x COM 1.5KV, and clear glass with P-CAP touch (without memory and SSD) | i5  | NA  | P-CAP | NA  |

### Component Offerings

#### Memory

| Part Number        | Description                   |
|--------------------|-------------------------------|
| SQR-SD4N4G2K6SNEFB | 260-pin SODIMM DDR4 2666 4GB  |
| SQR-SD4N8G2K6SNBCB | 260-pin SODIMM DDR4 2666 8GB  |
| SQR-SD4N16G2K6SNCB | 260-pin SODIMM DDR4 2666 16GB |
| SQR-SD4M4G2K4SNEEB | 260-pin SODIMM DDR4 2400 4GB  |
| SQR-SD4M8G2K4SNEEB | 260-pin SODIMM DDR4 2400 8GB  |
| SQR-SD4M16G2K4SNBB | 260-pin SODIMM DDR4 2400 16GB |
| AQD-SD4U4GN24-SG   | 260-pin SODIMM DDR4 2400 4GB  |
| AQD-SD4U8GN24-SE   | 260-pin SODIMM DDR4 2400 8GB  |
| AQD-SD4U16N24-SE   | 260-pin SODIMM DDR4 2400 16GB |

#### Wi-Fi + BT Module

| Part Number   | Description                       |
|---------------|-----------------------------------|
| EWM-W192M202E | Intel® Dual Band Wireless-AC 9260 |
| 968AD00078    | Intel® Dual Band Wireless-AC 8265 |

#### NVME SSD Storage

| Part Number        | Description                               |
|--------------------|---|
| 96FD80-P128-LIS    | SSSTC M.2 2280 128GB PCIe Gen3 x4 SSD     |
| 96FD80-P256-LIS    | SSSTC M.2 2280 256GB PCIe Gen3 x4 SSD TLC |
| 96FD80-P512-LIS    | SSSTC M.2 2280 512GB PCIe Gen3 x4 SSD TLC |
| 96FD80-P1TB-LIS    | Lite-on M.2 2280 1TB PCIe Gen3 x4 SSD TLC |
| SQF-CM8V2-128G-E8C | SQF M.2 2280 710 128GB 3D NAND            |
| SQF-CM8V4-256G-E8C | SQF M.2 2280 710 256GB 3D NAND            |
| SQF-CM8V4-512G-E8C | SQF M.2 2280 710 512GB 3D NAND            |

#### Power Cord

| Region                      | Part Number (DC Model) | Part Number (AC Model) |
|-----------------------------|------------------------|------------------------|
| USA (Thailand, Philippines) | 1702002600             | 1700001524             |
| Europe (Indonesia)          | 1702002605             | 170203183C             |
| UK (Singapore, Malaysia)    | 1700018704             | 170203180A             |
| Japan (PSE)                 | 1700000237             | 1700008921             |

# Tento produkt můžete zakoupit u společnosti AutoCont IPC a.s.



## AutoCont IPC a.s.

Váš dodavatel průmyslových počítačů, komponent a speciálních průmyslových IT systémů.

 Uhlířská 1064/3, 710 00 Ostrava, Česká republika

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 +420 552 301 002

 [www.autocont-ipc.cz](http://www.autocont-ipc.cz)



### PRŮMYSLOVÉ POČÍTAČE

*fanless embedded PC, do racku, ...*



### POČÍTAČE S DISPLEJEM

*panelové PC, terminály, do vozidel, ...*



### AUTOMATIZACE A SBĚR DAT

*převodníky, karty, moduly, switche, ...*



### PERIFERIE A KOMPONENTY

*monitory, klávesnice, desky, skříně, ...*



### NOTEBOOKY A TABLETY

*odolné, windows, android, IP65, ...*



### INFORMAČNÍ KIOSKY

*interiérové, venkovní, ...*



### MEDICÍNSKÁ TECHNIKA

*počítače, tablety, LCD, klávesnice, ...*



### SOFTWAREVÁ ŘEŠENÍ

*pro výrobu, zaměstnance, kiosky, ...*



### PŘEJÍT DO E-SHOPU

[eshop.autocont-ipc.cz](http://eshop.autocont-ipc.cz)



### DOPRAVA ZDARMA

Doprava zdarma v ČR a SR při objednávce nad 10 000 Kč bez DPH nebo nad 400 EUR.



### PRODLOUŽENÁ ZÁRUKA

Záruka 2 roky na vyráběné počítače s možností jejího prodloužení až na 5 let.



### ODMĚNA ZA VĚRNOST

Pravidelní zákazníci u nás nakupují za nižší ceny. Výše slevy se odvíjí od realizovaného obrátu.



### SERVIS ON-SITE A IN-TIME

K projektovým dodávkám nabízíme rozšířenou podporu a servis s garancí výměny zařízení do 48 hodin.