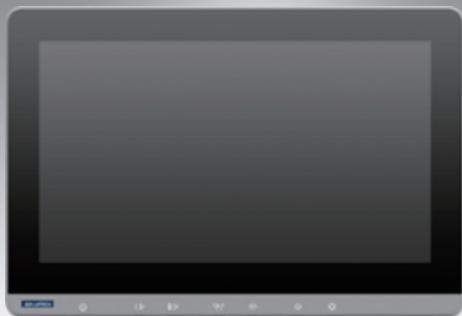


POC-415

15" Point-of-Care Terminal with 14th Generation Intel Processor

Preliminary



Features

- 14th generation Intel® Core™ Ultra 5 or Ultra 7 processor
- 15.6" full HD display with multi-touch P-CAP control
- M.2 expansion slots for integrating add-on modules
- Fanless design with upgrade IP54-rated front and IP43 rear (with I/O cover) protection for superior hygiene and infection control
- Equipped with Advantech's DeviceOn device management software
- Optional Wi-Fi 6, Bluetooth, Dual RFID, smart card reader and auto-focus 5 megapixel camera
- Equipping battery packs enhances its suitability for medical cart mobility
- Available for adding an additional backup battery for non-stop power during
- Isolated I/O ports are supported
- Medical IEC/EN60601-1-2 compliance



Introduction

POC-415, featuring an integrated NVME SSD for real-time data processing and storage, now includes the added benefit of enhanced suitability for medical cart mobility through equipping battery packs. Compliant with IEC/EN60601-1-2 Medical EMC standards, POC-415 terminals ensure reliable operation in diverse healthcare environments. Moreover, POC-415 is equipped with Advantech's DeviceOn software, which is a next-generation unified device management solution based on the WISE-DeviceOn platform. With support for batch operations and multi-device control, DeviceOn enables easy device configuration and deployment for convenient remote device management.

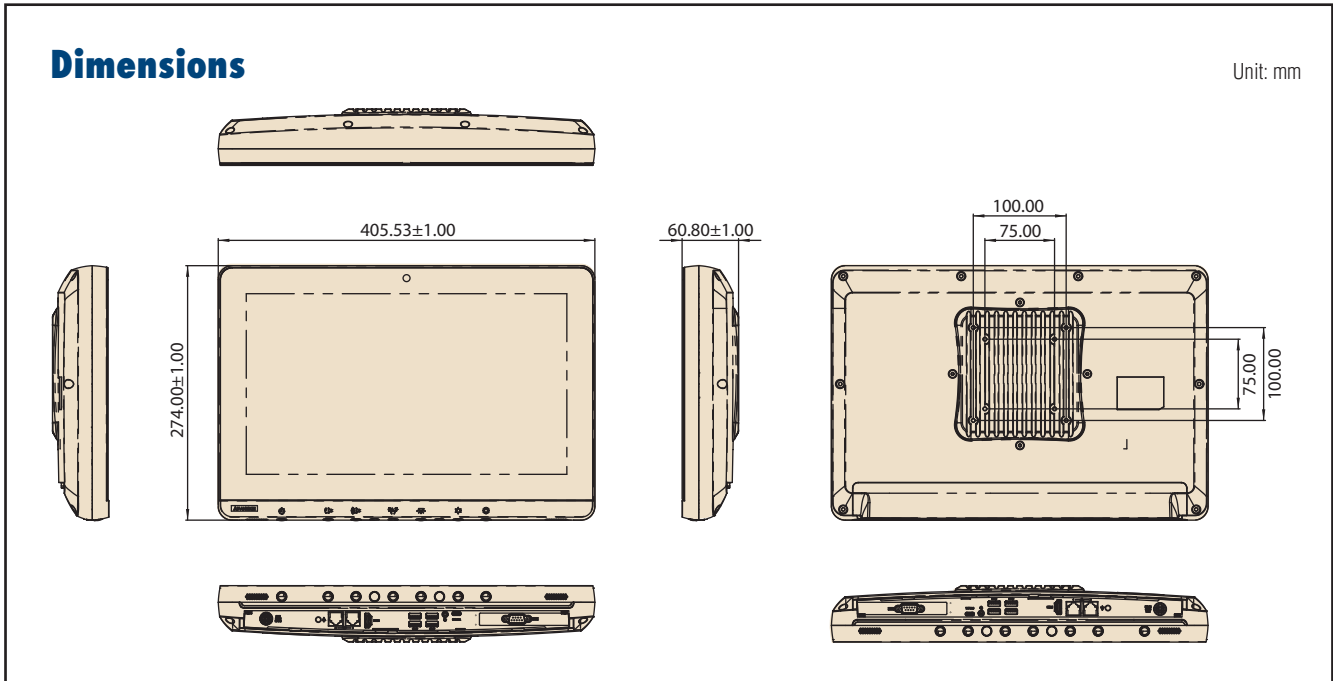
Specifications

Computing System	CPU	14 th generation Intel® Core™ Ultra 5 125U processor, up to 4.30 GHz or Intel® Core™ Ultra 7 155U processor, up to 4.8GHz
	Memory	Support DDR5 SO-DIMM Memory up to 64GB
	Operating System (Optional)	Win 11 Pro/Win 11 Ent. LTSC/Ubuntu 25.10
Storage	Primary Storage	Support NVME M.2 2280 SSD (up to 1TB)
	Size	15.6"
Display	Max Resolution	1920 x 1080 Full HD
	Screen Max. luminance	350 nits
Touch	Type	10-point multi-touch P-CAP
	USB 3.2 Gen 2 (Type A)	x 4 (each 5V/0.9A)
I/O	USB 3.2 Gen 2 (Type C)*	x 1 (with Display Function/DP ALT Mode)
	HDMI	x 1
	LAN(Isolation 1.5KV)	x 2
	Mic-In / Headphone out	x 1
	COM (RS232) (Isolation 1.5KV)	x 1
	Speaker	x 2 (2W)
Other Functions	Camera	5M pixel camera available
	TPM	2
	Power Input	DC DC 19V (Medical DC 4 pin with lock) / AC 100-240V
IP Rating	Front Panel	IP65
	Rear Cover	IP43 (I/O with cover)
Authentication Solution	RFID	Optional
Battery Solutions	Backup Battery	Optional (Chinese market does not support)
Certificate		Medical CE/FCC CCC MDR UL60601-1 RED ErP Battery pack: IEC62133, UN38.3
	EMC & Safety Certificate	
Physical Characteristics	Dimensions (W x D x H)	406 x 274 x 61 mm/15.98 x 10.79 x 2.4 in
	VESA Mount	100 x 100; 75 x 75 mm
	Weight	5 kg
Environment	Temperature	Operating: 0° C ~ +35° C (thermal condition 0.7m/s airflow) Storage: 0° C ~ +50° C
	Humidity	95% 40°C (Operating) 95% 60°C (Storage)
	Shock Resistance	10G peak acceleration (11 ms duration)
Warranty	System	3 year
	Battery Pack	1 year or capacity 70% and 300 cycles (whichever happens first)

* (9V/1A) (Powered by a power adapter)

(9V/ 1A) (under Battery discharge mode for power limit)

CAUTION: Exceeding the rated specification may result in burns, reduced component and plastic enclosure life



Unit: mm

Order Information

Standard Model

Part Number	Description	CPU	Memory	SSD	Wifi	Battery
POC-415-14B210-CE	POC-415, U5/P-cap/WIFI6/1.5KV COMx1/ 8G, 256G	U5 125U	8G	256G	Yes,WIFI6	NA
POC-415-14B21B-CE	POC-415, U5/P-cap/WIFI6/1.5KV COMx1/ 8G, 256G, 20Wh (Chinese market does not support)	U5 125U	8G	256G	Yes,WIFI6	20Wh

Battery Module

Part Number	Description
1760002525-01	Backup battery (internal)

* Chinese market does not support

Component Offerings

M.2 SSD

Part Number	Description
SQF-C8MV2-256GDFES	SQF PCIe/NVMe M.2 2280 OPAL 730-D, Gen.4, LPM ON, 256G 3D TLC BiCS5 (-20~85°C)
SQF-C8MV2-512GDFES	SQF PCIe/NVMe M.2 2280 OPAL 730-D, Gen.4, LPM ON, 512G 3D TLC BiCS5 (-20~85°C)
SQF-C8MV4-1TDFES	SQF PCIe/NVMe M.2 2280 OPAL 730-D, Gen.4, LPM ON, 1T 3D TLC BiCS5 (-20~85°C)

DDR

Part Number	Description
SQR-SD5N8G5K6SNGPB	262pin SODIMM DDR5 5600 8GB 1.1v 1Gx16 (0~95°C) Samsung
SQR-SD5N16G5K6SNPB	262pin 5600 2GX8 16GB SODIMM 1.1v 2Gx8 (0~95°C) Samsung
SQR-SD5N32G5K6SNPB	262pin 5600 2GX8 32GB SODIMM 1.1v 2Gx8 (0~95°C) Samsung

Power Cord

Region	Part Number (DC Model)
USA (Thailand, Philippines)	1702002600
Europe (Indonesia)	1702002605
UK (Singapore, Malaysia)	1700032693-11
Japan (PSE)	1700000237