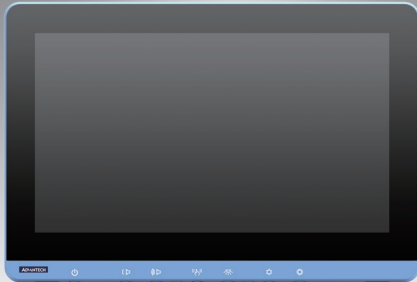


POC-615

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



Features

- 8th generation Intel® Core™ i5/i7 processor
- 15.6" 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 IP43-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



Specifications

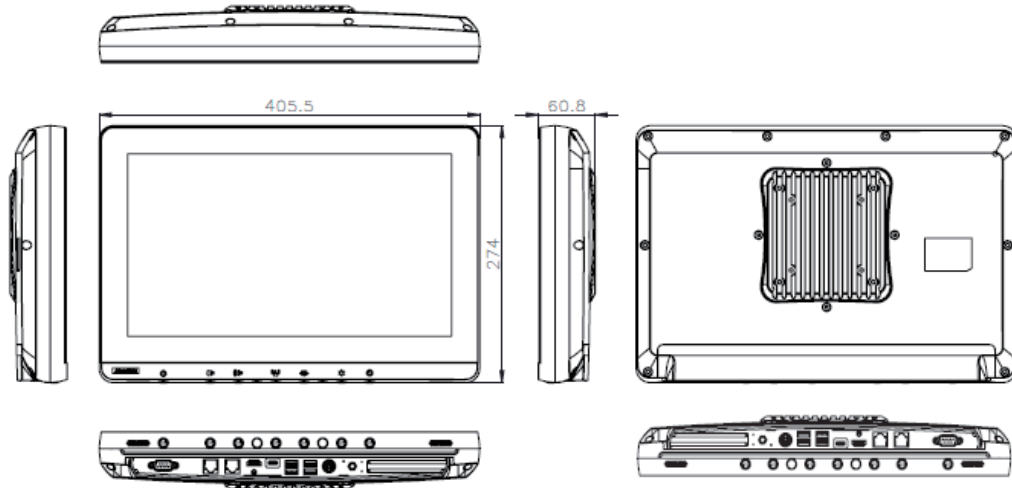
System	Processor*	Intel® Core™ i7-8665UE (8M cache, up to 4.40 GHz) Intel® Core™ i5-8365UE (6M cache, up to 4.10 GHz)
	Memory (default)	8GB DDR4 (supports up to 32GB DDR4 SODIMM)
	Operating System (optional)	Windows 10 IoT Ent (64 bits only), Linux (supported upon request)
Storage	Primary Storage (default)	NVME SSD 256GB (M.2 2280)
Display	Size	15.6 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	2
	HDMI	1
	LAN isolation, 1.5KV	2
	COM (RS232) 1.5KV	1
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	18V, max. 100W
IP Rating	Front Panel	IP65
	System	IP43
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	Backup Battery**	Optional (choose either backup battery, PCIe x4, or smart card reader)
Certification	EMC & Safety	Medical CE, FCC (IEC 60601-1-2, 4th edition) EN 60601-1 Compliance UL 60601-1
	Dimensions (W x H x D)	406 x 274 x 61 mm/15.98 x 10.79 x 2.4 in
	VESA Mount	100 x 100; 75 x 75 mm
Physical Characteristics	Weight	4.89 kg/10.78 lb
	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.

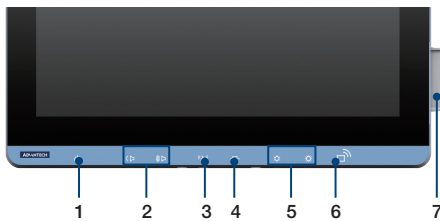
**Either PCIe x4, smart card reader, or backup battery can be chosen.

Dimensions

Unit: mm



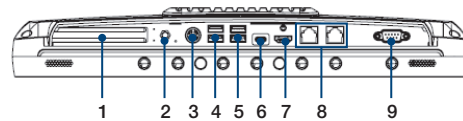
Front Function Keys



- 1. Power button
- 2. Volume down/up
- 3. Touchscreen status control
- 4. Read light control
- 5. Brightness down/up
- 6. RFID reader (optional)
- 7. Smart card reader (optional)
(choose either RFID or smart card reader)

I/O Ports

Rear



- 1. PCIe x4 slot
- 2. Equipotential terminal pin
- 3. DC-in
- 4. 2 x USB 3.2
- 5. 2 x USB 2.0
- 6. 1 x USB 3.2 (Type C)
- 7. HDMI
- 8. 2 x Gigabit Ethernet
- 9. 1 x COM (RS-232)

Ordering Information

Part Number	Description	CPU	DRAM	Touch	SSD	RFID
POC-615-11A11D-CF	Intel® Core i7, 8GB memory, 256GB SSD, IP43, 1 x COM 1.5KV, and clear glass with P-CAP touch	i7	8GB	P-CAP	256GB	
POC-615-11A11R-CF	Intel® Core i7, 8GB memory, 256GB SSD, IP43, 1 x COM 1.5KV, RFID reader, and clear glass with P-CAP touch	i7	8GB	P-CAP	256GB	Yes
POC-615-11B11D-CF	Intel® Core i5, 8GB memory, 256GB SSD, IP43, 1 x COM 1.5KV, and clear glass with P-CAP touch	i5	8GB	P-CAP	256GB	
POC-615-11B11R-CF	Intel® Core i5, 8GB memory, 256GB SSD, IP43, 1 x COM 1.5KV, RFID reader, and clear glass with P-CAP touch	i5	8GB	P-CAP	256GB	Yes

Accessories

Backup Battery (Internal)



Battery Modules

Part Number	Description
POC-BAT-101-6A*	Backup battery (internal)

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)	Description	CPU	RAM	Touch	SSD
POC-615-11A111-CF	Intel® Core i7, 8GB memory, IP43, 1 x COM 1.5KV, and clear glass with P-CAP touch (without SSD)	i7	8G	P-CAP	NA
POC-615-11B111-CF	Intel® Core i5, 8GB memory, IP43, 1 x COM 1.5KV, and clear glass with P-CAP touch (without SSD)	i5	8G	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

Power Cord

Region	Part Number (DC Model)	Part Number (AC Model)
USA (Thailand, Philippines)	1702002600	1700001524
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