

by anandic

POC-S199

19" Slim Point-of-Care Terminal with IP54 Enclosure and Multi-touch Screen



Features

- 19" LCD display with 16.7 M colors
- Runs on Intel® 6th generation, Skylake processor with a fanless, high performance profile
- True flat panel with multi-touch projective capacitive touchscreen
- Fanless design with full system IP54 dust and splash protection
- Isolated design provides unique electric leakage protection for COM and LAN ports
- UL60601-1/EN60601-1 3.1 edition certified ensures highest levels of safety and reliability
- Optional Bluetooth, RFID, WLAN, and Li-ion battery pack
- Support Intel® firmware trusted platform module (TPM) with Intel® Platform Trust Technology (Intel® PTT)
- Optional PCIe x 4 card



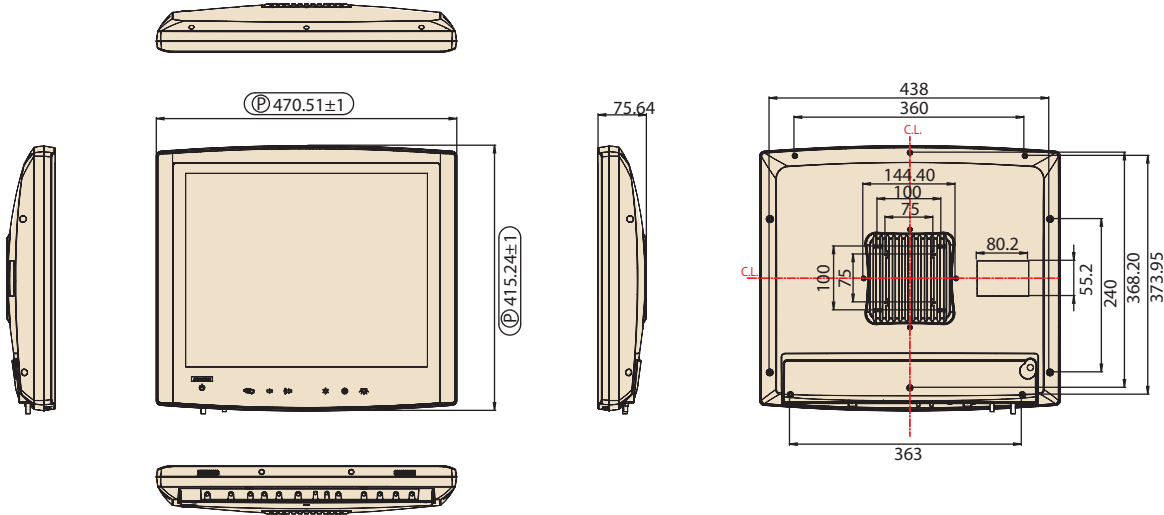
Specifications

Computing System	CPU	Intel® Core™ i7-6600U Processor (4M Cache, up to 3.40 GHz) Intel® Core™ i5-6300U Processor (3M Cache, up to 3.00 GHz) Intel® Core™ i3-6100U Processor (3M Cache, 2.30 GHz) Intel® Celeron® Processor 3955U (2M Cache, 2.00 GHz)
	Memory	DDR4-1866/2133 SODIMM (up to 32GB)
	Graphics Controller	Intel HD Graphics 520/510
	Operating System	Windows 7 / Windows 10 IoT
	Display	19" LED PANEL 300N 1280X1024(G)
Expansion Slot	Display Size	19" LED PANEL 300N 1280X1024(G)
	Max. Resolution	1280 x 1024 (H x V)
	Luminance	350 cd/m ²
	LED Life Time	70,000 Hours
	Contrast Ratio	1000 : 1
	Backlight	LED
I/O Ports	Mini PCIe(mSATA)	2 (Mini PCIe: 1 full-size, 1 half-size)
	PCIe	1 x PCIe (x4) slot (Max. card length: 167.65mm)
	Serial Ports	2 x RS-232/422/485 (isolated) serial port
	USB 3.0 Ports	2
	USB 2.0 Ports	2
	Audio	2 speaker
	HDMI	1 x HDMI max resolution 4096x2304@24Hz
	Displayport	1 x DP max resolution 4096x2304@60Hz
Power Supply	LAN Ports	2 x Gigabit Ethernet (isolated) interfaces (RJ-45)
	DC Model	AC/DC adapter (Sinpro Model no.HPU101-107)
	Input Voltage	90 ~ 260 V _{AC} , 1.35 ~ 0.5 A, 47 ~ 63 Hz
	Output Voltage	+18 V _{DC} , 5.55 A max. (100 watts)
	Battery	3S1P 1750mAh, supports 0.5hr backup operation (Adding the battery will shorten available PCIe x4 slot space inserted)
Optional Functions	HDD/SSD/ mSATA	2.5" HDD/ SSD, mini-PCIe mSATA
	WLAN	802.11 a/b/g/n/ac
	RFID	13.56MHz, ISO-15693, ISO-14443A, ISO-14443B
	Smart Card Reader	Complies with ISO7816-1,2,3,T=1 and T=0 protocol
	Bluetooth	Integrated Bluetooth v4.0
	DICOM	DICOM pre-set
Touchscreen	Type	Projected Capacitive 10-point (AG)
	Resolution	Continuous
	Light Transmission	80%
	Controller	USB Interface
	Durability	>100 million touch
IP Rating	Front Panel	IP65
	Full System	IP54
Certifications		EN60601-1, CE & FCC Class B certified
Environment	Temperature	0 ~ 40° C (32 ~ 104° F) (Operating) -20 ~ 60 °C (-4 ~ 140 °F) (Storage)
	Humidity (non-condensing)	10 ~ 90% @ 40° C (Operating) 5 ~ 95% @ 40° C (Storage)
	Shock Resistance	20 G peak acceleration (11 ms duration)
	Physical Characteristics	Dimensions (W x H x D)
	Weight	7.4 kg (16.31 lb)
	VESA Mount	100x100 cm, 75x75 cm

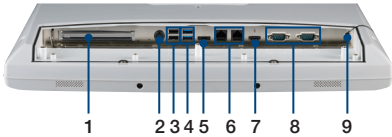
* Viewing Angle and Luminance are measured by in relation to the display module. Values can vary based on different materials used in top layer.

Dimensions

Unit: mm



Rear I/O Ports

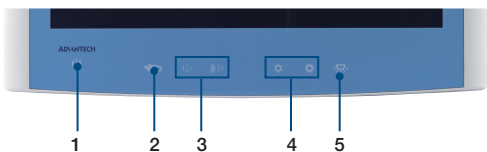


- (1) PCIe(x4) card slot
- (2) DC-IN
- (3) 2 x USB 2.0 ports
- (4) 2 x USB 3.0 ports
- (5) Displayport
- (6) 2 x Gigabit Ethernet interfaces (RJ-45)
- (7) HDMI port out
- (8) 2 x RS-232/422/485(isolated) serial port
- (9) Equipotential terminal pin

Back Side



Function Keys



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

Ordering Information

Part Number	CPU	RAM	Touch Panel	HDD
POC-S199-A11D-ACE	i7-6600U 2.6G	4G	P-CAP	500G
POC-S199-B11D-ACE	i5-6300U 2.4G	4G	P-CAP	500G

Accessories

Part Number	Description
1700008921	POWER CORD 3P/3P POWER SUPPLY 1.83M ARK-5280 PSE (JPN)
1700001524	Power Cord 3P UL 10A 125V 180cm (US)
170203183C	POWER Cord 3P Europe (WS-010+WS-083)183cm

Optional Modules

Part Number	Description
POC-S199-WF0E	WLAN (802.11 a/b/g/n/ac) and Bluetooth 4.1 Module
POC-W21X-BA0E	Battery Pack, 3S1P, 1750 mAh

For information about DICOM & RFID, contact Advantech sales team

PCIe Module

Part Number	Description
96SER-9PN-2P-PE-UP	UPMOST RS-232 CARD 9PIN 2PORT PCIE(G)
XAEU-UTB101	UPMOST UTB101 1394A EXPANSION CARD
PCIE-1602C-AE	2-port RS-232/422/485 PCIe Comm. Card w/Iso
DMS-IR06-00A1E	Dual LAN port
PCE-USB4-00A1E	4 USB3.0 Ports expansion card(PCIex4)

