



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



POC-S198

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



Features

- 19" LCD display with 16.7 M colors
- 3rd Generation Intel® Core™ i7 processor
- True flat panel with resistive or 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 third edition certified ensures highest levels of safety and reliability
- Optional Bluetooth, RFID, WLAN, and Li-ion battery pack
- Built-in POC intelligent software solution for easy management



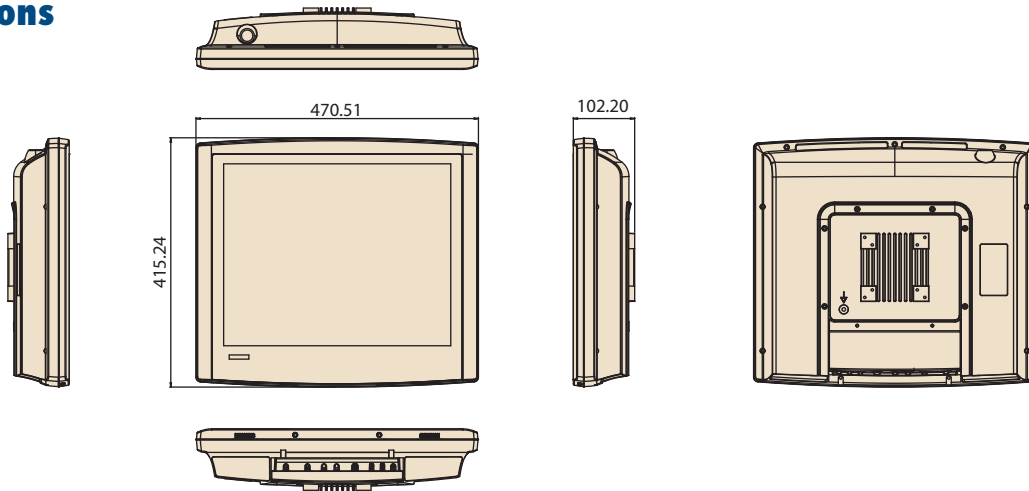
Specifications

Computing System	Chipset	Intel QM67	
	CPU	Intel Core i7-3555LE Processor (4M Cache, 2.5 GHz, up to 3.2 GHz)	
	Memory	Up to 16 GB DDR3 1600 MHz SDRAM	
	Graphics Controller	Integrated Intel HD Graphics	
	Operating System	Windows 7, WIN 8 Embedded Standard, Windows 8 industry Pro, Windows 10	
Display	Display Size	19" TFT-LCD (4:3)	
	Max. Resolution	1280 x 1024 (H x V)	
	Max. Colors	16.7 M colors	
	Pixel Pitch (mm)	0.294 x 0.294	
	Viewing Angle	178°/178° *	
	Luminance	300 cd/m ² *	
	LCD MTBF	50,000 Hours	
Expansion Slot	Contrast Ratio	2000 : 1	
	Mini PCIe	1 x Mini PCIe slot	
I/O Ports		Type A	Type B
	Serial Ports	1 x RS-232 (isolated) and 1 x RS-232/422/485 (isolated) serial port	1 x RS-232 2 x RS-232 (isolated) 1 x RS-232/422/485 (isolated) serial port
	USB 2.0 Ports	4	3
	DVI-I Ports	1	-
	LAN Ports	2 x Gigabit Ethernet (isolated) interfaces (RJ-45)	1 x Gigabit Ethernet (isolated) interfaces (RJ-45)
	Speakers	2 x 2W	2 x 2W
Storage	HDD or SSD	1 x 2.5" SATA	
Power Supply	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)	
Optional Functions	Battery	3S2P 4200mAh, supports 0.5 hr backup operation	
	WLAN	Integrated wireless 802.11 a/b/g/n connection & internal antenna	
	RFID	13.56 MHz with ISO-15693 & ISO-14443A/B and active tag function	
	Smart Card Reader	Complies with ISO7816-1,2,3,T=1 and T=0 protocol; Factory build for TPN process only. Non-compliant with IP54 rating	
	Bluetooth	Integrated Bluetooth v4.0	
Touchscreen		Analog Resistive	Projected Capacitive 4-points
	Light Transmission	81%	90%
	Controller	RS-232 interface (use COM6)	USB Interface
IP Rating	Front Panel	IP65	
	Full System	IP54	
Certifications		UL60601-1/EN60601-1, CE & FCC Class B certified	
Environment	Temperature	0 ~ 40° C (32 ~ 104° F) (Operating)	
	Humidity	10 ~ 95% @ 40° C (Non-condensing)	
	Shock Resistance	20 G peak acceleration (11 ms duration)	
Physical Characteristics	Dimensions (W x H x D)	470.5 x 415.2 x 102.2 mm (18.52" x 16.35" x 4.02")	
	Weight	7.5 kg (16.5 lb)	

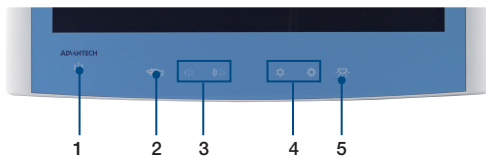
* Viewing Angle and Luminance are measured by in relation to the display module. Values can vary based on different materials used in top layer.

Dimensions

Unit: mm



Function Keys



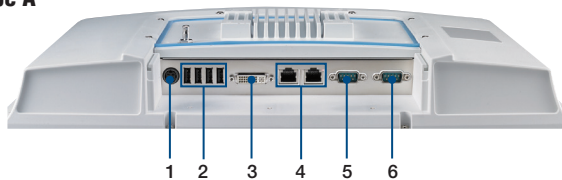
- (1) Power
- (2) Touchscreen Status Control
- (3) Volume Up/Down
- (4) Brightness Increase/Decrease
- (5) Read Light Control

Back Side



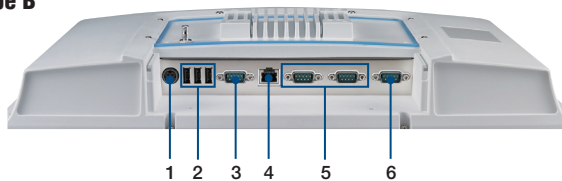
Rear I/O Ports

Type A



- (1) DC-in
- (2) USB2.0 x 4
- (3) DVI-I x 1
- (4) GigaLAN (isolated) x 2
- (5) RS-232 (isolated) x 1
- (6) RS-232/422/485 (isolated) x 1

Type B



- (1) DC-in
- (2) USB2.0 x 3
- (3) RS-232 x 1
- (4) GigaLAN (isolated) x 1
- (5) RS-232 (isolated) x 2
- (6) RS-232/422/485 (isolated) x 1

Ordering Information

Part Number	CPU	Touch Panel	RAM	I/O
POC-S198-25F-ATE	i7-3555LE 2.5GHz	Resistive Single-touch	4GB	Type A
POC-S198-25F-BTE	i7-3555LE 2.5GHz	Resistive Single-touch	4GB	Type B
POC-S198-25F-ACE	i7-3555LE 2.5GHz	PCAP Multi-touch	4GB	Type A
POC-S198-25F-BCE	i7-3555LE 2.5GHz	PCAP Multi-touch	4GB	Type B

Accessories

Part Number	Description
1702002600	Power Cable (USA) 1.8 M
1702002605	Power Cable (Europe) 1.8 M
1700018704	Power Cord (UK) 1.8 M

Optional Modules

Part Number	Description
POC-S198-BTTE	Battery module (4200mAh Li-ion battery)
POC-S198-RFOE	RFID module
POC-S198-BTOE	Bluetooth module
POC-S198-WFOE	WLAN module (802.11a/b/g/n)