USC-365 Series

15.6" Ultra-Slim, All-in-One POS Computer with Intel® Core™ i3-1115G4E/i5-1145G7E Processor and P-CAP Touch Control

Features

- 15.6" Full HD LCD (LED backlight) with P-CAP touch control
- Ultra-thin design with narrow bezel (11 mm/0.43 in)
- 11th generation Intel® Core™ i processor
- Anodized aluminum rear cover
- IP65-rated front panel for water and dust resistance
- Low-power, fanless operation without ventilation vents

Windows® Embedded CCC UL CE FCC RoHS COMPLIANT 2002/95/EC

Introduction

The USC-365 all-in-one service computer is the latest addition to Advantech's USC product family and Avalo solution offerings. Powered by an Intel® Core™ i3-1115G4E/i5-1145G7E processor that delivers high-performance computing, USC-365 computers feature an ultra-slim form factor and aluminum enclosure to ensure easy installation in diverse environments.

In addition to the 15.6" TFT LCD monitor with IP65-rated front panel that protects against water and dust ingress, USC-365 can be equipped with an optional secondary display for broadcasting product promotions and increasing consumer engagement. Overall, USC-365 computers provide flexible point-of-service (POS) computing solutions that enable retailers and service staff to optimize operations and improve customer service.

Specifications

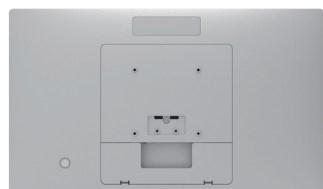| Model	USC-365		
Processor	11th Gen Intel Core i3-1115G4E / i5-1145G7E		
Memory	1 x 260-pin SODIMM DDR4-3200 (up to 32 GB)		
Storage	1 x M.2 SSD		
Display	15.6" TFT LCD (1920 x 1080) with AG coating, 350 cd/m² brightness		
Touch Screen	Projected capacitive (P-CAP) touch control (flat glass)		
Bus Expansion	1 x M.2 slot (for Wi-Fi and Bluetooth)		
Power Supply	65W via power adapter		
USB	3 x USB-C (One for DP, one for DC in, one for IO Hub), 2 x USB 3.0, 1 x USB 2.0 (broadside)		
Ethernet	1 x RJ-45 Intel Gigabit Ethernet (10/100/1000), I219LM		
Cash Drawer	1 x 12 V_{DC} default, 20 V_{DC} available upon request		
USB-C Input	20 V_{DC}		
IP rating	IP65 for front panel		
Dimensions (W x H x D)	371 x 220 x 26.5 mm/14.6 x 8.66 x 1.04 in		
Weight	4.5 kg/9.92 lb (net); 5 kg/11.02 lb (gross)		
Operating Temperature	0 ~ 40 °C/32 ~ 104 °F		
Relative Humidity	95%RH Max @40 °C non-condensing		
Shock	10G peak acceleration (11 ms duration)		
Vibration	5 ~ 500 Hz 0.5 Grms, random		
Certification	BSMI, CE, CCC, UL, CB, FCC		
Operating System	Windows 10 IoT Enterprise		
I/O on extension HUB	UP36 Power USB Hub: 2 x COM, 3 x 12V Power USB, 1 x 24V Power USC, 2 x USB 2.0, 1 x USB C, 1 x DC IN (powered by 180W adapter) UP37 COM Port Hub: 4 x COM (RJ-48 connector), 1 x USB C Input, 6 x USB 2.0 (powered by USC-360 65W adapter)		
DeviceOn/iService Remote Device Management Software	Operating System	Windows 10	
	Common Controls (Reboot, Shutdown)	✓	
	Remote Desktop	✓(VNC)	
	Audio Controls	✓	
	Connection Status	✓	
	Hardware Status	✓	
	Hard Disk Status	✓	
	Batch Operation Support	✓	
	OTA Storage Management	FTP	
	OTA Software Updates	✓	
	Software Watchlist	✓	
	Software Start/Stop	✓	
	Peripherals Watchlist	✓	

ADVANTECH Avalo Service Computer

Features Highlights

Connect hub to stand, supports separate operation

Integrate devices via USB-C

Supports wall and VESA mounting

Dimensions

Unit: mm

371mm

26.5mm

220.5mm

165.5mm

PCB
146*107mm

60mm

155mm

Ordering Information

Part Number	Description
USC-365HP-SI330	15.6" FHD, Pcap, AG coating, TGR-L i3-1115G4E, 8G RAM, 256G SSD, Adapter, Silvery, MSR, Stand
USC-365HP-SI530	15.6" FHD, Pcap, AG coating, TGR-L i5-1145G7E, 8G RAM, 256G SSD, Adapter, Silvery, MSR, Stand

POS Peripherals

Part Number	Description
USC-M10G-STC03	10.1"monitor, Glass, Silver, Stand, 60cm USB-C Cbl
USC-P06-H01	USC-300 series extension hub (2COM; 4Power USB)
USC-P06-H02	USC-300 series extension hub (4COM;6USB)
XUSC365-ADP180WBB	ADP A/D 100-240V 180W 24V POWER DIN 4PIN (Powered for USC-P06-H01+USC-365 series)

Installation Accessories

Part Number	Description
EWM-W159M201E	new M.2 2230 WiFi5+BT5.0 module, support IEEE 802.11a/b/g/n/ac, 2.4GHz and 5GHz band channels, Support Bluetooth 5.0 system
96CB-POWER-B-1.8MB	Power cable 3P, CCC, 10A, 250V, 180 cm (China)
1700001524	Power cable 3P, UL, 10A, 125V, 180 cm (US, TW)
170203183C	Power cable 3P, 10A, 250V, 183 cm (EU)
1700018553	Power cable 3P, SAA, 2.5A, 250V, 183 cm (Australia)
1700025113-11	Power cable, ISI, 3P, 2.5A, 250V, 180 cm (India)
1700018409	Power cable, KCC, 2P, 2.5A, 250V, 183 cm (Korea, Russia)
170203180A	Power cable, BSI, 3P, 2.5A, 250V, 183 cm (UK)
1700008921	Power cable, PSE, 3P, 7A, 125V, 180 cm (Japan)
YA5C180001-17	Ant WIFI D.B 2.4+5G MHF4/0.81 GRY L110mm for 365

Operating System

Part Number	Description
20708WLV1S0007	Img WIN11 LTSC 24H2-VLE USC-365H V1.00 7MUI
20708WX1VS0015	(I5&I3)Img WIN10 LTSC 2021-VLE USC365 x64 V1.00 7MUI

I/O Layout