USC-365 Series

15.6" Ultra-Slim, All-in-One POS Computer with Intel® Celeron® 6305E/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® Celeron®/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® Celeron® 6305E/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		Celeron 6305E / Core i3-1115G4E / i5-1145G7E
Memory	Technology	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, 300 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)
Audio		1 x M.2 slot (for Wi-Fi and Bluetooth)
Power Supply		65W via power adapter/180W with extension hub
Serial ports		2 x COM RS-232 ports on I/O board via RJ-48 connector (no power), 1 x RJ11
USB		3 x USB-C, 1 x USB 3.0, 2 x USB 2.0 (optional)
Ethernet		1 x RJ-45 Intel Gigabit Ethernet (10/100/1000) I211AT, I219LM
Display Output		2 x USB-C
Cash Drawer		1 x (control 2 x CR via optional Y-cable) 24 V_{DC} default, 12 V_{DC} available upon request
Power input		24 V_{DC}
Power output		12 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		10 ~ 90% @ 40 °C/104 °F
Shock		10G peak acceleration (11 ms duration)
Vibration		5 ~ 500 Hz 0.5 Grms, random
Certification		CE
Operating System		Windows 10 IoT Enterprise
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	✓

Features Highlights

Connect hub to stand, supports separate operation

Space Grey (only for outside EU)   Sliver
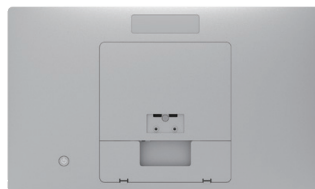

Color customization with anodizing treatment

Integrate devices via USB-C

Supports wall and VESA mounting

Dimensions

Unit: mm

371mm

26.5mm

220.5mm

165.5mm

60mm

155mm

PCB
146*107mm

Ordering Information

Part Number	Description
USC-365HP-SCL00	15.6", CL6305E, 8G, 256G, W/O stand, Silvery
USC-365HP-SCL30	15.6", CL6305E, 8G, 256G, W/ stand, MSR, Silvery
USC-365HP-SCL40	15.6", CL6305E, 8G, 256G, W/ stand, Silvery
USC-365HP-SI300	15.6", i3-1115G4E, 8G, 256G, W/O stand, Silvery
USC-365HP-SI330	15.6", i3-1115G4E, 8G, 256G, W/ stand, MSR, Silvery
USC-365HP-SI340	15.6", i3-1115G4E, 8G, 256G, W/ stand, Silvery
USC-365HP-SI500	15.6", i5-1145G7E , 8G, 256G, W/O stand, Silver
USC-365HP-SI530	15.6", i5-1145G7E, 8G,256G,W/ stand, MSR, Silvery
USC-365HP-SI540	15.6", i5-1145G7E, 8G, 256G, W/ stand, Silvery

POS Peripherals

Part Number	Description
USC-M10G-STC03	10.1"monitor, Glass, Silver, Stand, 60cm USB-C Cbl
USC-M10P-STC00	10.1" monitor, PCAP, Silver, VESA75, no cbl
USC-P06-H01	USC-300 series extension hub (2COM; 4Power USB)
USC-P06-H02	USC-300 series extension hub (4COM;6USB)
USC-P06-H03	USC-300 series extension hub (1Lan; 2COM;2USB)

Installation Accessories

Part Number	Description
EWM-W163M201E	Advantech Brand, 802.11 a/b/g/n/ac, Atheros QCA6174A, 2T2R, with BT4.1 (Low energy operation) (A-E key),M.2 2230
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)

Operating System

Part Number	Description
207 PN	Image Win 10 (64 bit), 19VL, USC-365, 1809 ENU

I/O Layout

Power supply & Connection with Hub — LAN — RJ11 — USB 3.0 — Power button — Audio out — USB-C — 5V USB-C & DP — 5V USB-C