

USC-360 Series

15.6" Ultra-Slim, All-in-One Computer
USC-360H with Intel® Celeron® / Core™ i3/i5;
USC-360J with Intel® Celeron® J6412;
USC-360D with Rockchip RK3568



Features

- 15.6" FHD LCD (LED backlight) with PCAP Touch
- Sleek modern designed with dual hinge stand
- Support both X86 and ARM base
- Rich peripherals for diverse applications
- Flexible installation for 2nd display
- Integrate multifunction via USB-C (video, audio, etc.)
- Support 75x75mm VESA
- Extension I/O Hub (via USB type-C)



Introduction

The USC-360 all-in-one service computer is the latest addition to Advantech's USC product family and Avalo solution offerings. Powered by an Intel® Celeron® J6412 and Rockchip RK3568 quad-core Cortex™-A55 processor that be with the most competitive cost, and energy effective platform built for retail and hospitality. USC-360 computers feature an ultra-slim form factor 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-360 can be equipped with an optional secondary display for broadcasting product promotions and increasing consumer engagement. Overall, USC-360 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-360H	USC-360J	USC-360D
Processor	11th Gen Intel Celeron 6305E / Core i3-1115G4E / i5-1145G7E	Intel Celeron J6412	Rockchip RK3568 quad-core Cortex™-A55
Memory	1 x 260-pin SODIMM DDR4-3200 (up to 32 GB)		4GB onboard
Storage	1 x M.2 SSD		32GB onboard eMMC
Display	15.6" TFT LCD (1920 x 1080), 220nit (350nits optional)		
Touch Screen	Projected capacitive (P-CAP) touch control (flat glass)		
USB	3 x USB-C (One for DP (output 5V only), one for DC in, one for IO Hub), 2 x USB 3.0, 2 x USB 2.0 (broadside)		
Audio	2 x 2W speaker installed. 1 x Line out		
Power Supply	65W via power adapter		
Bus Expansion	1 x M.2 slot (for Wi-Fi and Bluetooth)		
Ethernet	1 x RJ-45 Intel Gigabit Ethernet (10/100/1000), I219LM	1 x RJ-45 Intel Gigabit Ethernet (10/100/1000), I226-V	1 x RJ45 10/100/1000 Mbps
Operating System	Windows 10/11, Linux		Android 12, Linux
Cash Drawer	1 x 12 V _{DC} default, 20 V _{DC} available upon request		1x 12 V _{DC} default, 24 V _{DC} available upon request
USB-C Input	20 V _{DC}		
IP rating	IP65 for front panel		
Dimensions (W x H x D)	381 x 230.4 x 31.5 mm		
Weight	4 Kg (Net); 4.5 Kg (Gross)		
Color	Black		
Operating Temperature	0 ~ 40 °C/32 ~ 104 °F		
Storage Temperature	-40°C, 60°C@95% humidity		
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	FCC, CE, CE RED, CCC, BSMI, UL, CB		
TPM	USC-360H& USC-360J supports TPM2.0		-
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)		

Specifications (Cont.)

Model	USC-360H	USC-360J	USC-360D
Operating System	Windows 10/11, Linux	Windows 10/11, Linux	Android12, Linux
Common Controls (Reboot, Shutdown)	✓		✓
Remote Desktop	✓(VNC)		✓(VNC)
Audio Controls	✓		✓
Connection Status	✓		✓
Hardware Status	✓		✓
Hard Disk Status	✓		✓
Batch Operation Support	✓		✓
OTA Storage Management	FTP		FTP
OTA Software Updates	✓		✓
Software Watchlist	✓		✓
Software Start/Stop	✓		✓
Peripherals Watchlist	✓		✓

Outlook



Connect hub to stand, supports separate operation



Supports 75x75 VESA mounting



Integrate devices via USB-C



USC-360+2nd display

Dimensions

