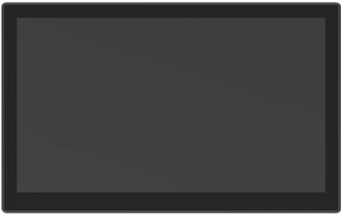


Advantech USC-160AP-BC111(USC-160AP-BC111)

Advantech USC-160 - LED monitor - 15.6" - open frame - touchscreen - 1920 x 1080 Full HD (1080p) - 400 cd/m² - 1000:1 - speakers - black



The Advantech USC-160 is a versatile 15.6-inch open frame all-in-one computer, designed for various applications requiring robust performance and user interaction. With a Full HD 1920 x 1080 native resolution and an image brightness of 400 cd/m², this monitor delivers clear, vibrant visuals in a variety of lighting conditions. The projected capacitive touch (P-CAP) technology enables a responsive touchscreen experience, ideal for interactive displays and kiosks. This model features a range of connectivity options, including HDMI, USB 2.0, and RS-232, ensuring compatibility with various devices. It is equipped with built-in Wi-Fi, making it easy to connect to networks. Additionally, its ultraslim design, combined with front IP65 protection, makes it suitable for both indoor and outdoor environments. With support for Power over Ethernet (PoE), the USC-160 simplifies installation while operating within a temperature range from 0 °C to 40 °C, accommodating diverse placement needs.

Key Selling Points

- TFT display with LED backlight
- Flat bezel-less panel with PCAP touch
- Reserved side hatch for optional peripherals
- Supports VESA (75 x 75 mm) and wall mounting
- IP65-rated front panel
- Supports Power over Ethernet

Product Features

- Responsive touch experience**
The touchscreen utilizes projected capacitive technology, providing accurate touch recognition and a smooth user interaction that enhances application engagement.
- Bright and clear display**
With an image brightness of 400 cd/m² and a native resolution of 1920 x 1080, the display ensures that content is clearly visible under various lighting conditions.
- Multiple connectivity options**
This all-in-one computer includes several connectivity interfaces such as HDMI, USB 2.0, and RS-232, making it compatible with a wide range of devices for diverse applications.
- Durable and weather-resistant**
The front IP65 protection provides resistance to dust and water, ensuring that the USC-160 can withstand challenging environments while maintaining performance.
- Flexible installation with PoE**
Power over Ethernet support allows for efficient installation and reduces cable clutter, providing flexibility in the placement of the unit.

Main Specifications

Product Description	Advantech USC-160 - LED monitor - Full HD (1080p) - 15.6"
Device Type	LED-backlit LCD monitor - 15.6" - touchscreen
Features	Touch-screen, Wi-Fi
Aspect Ratio	16:9
Native Resolution	Full HD (1080p) 1920 x 1080
Brightness	400 cd/m²
Contrast Ratio	1000:1
Colour	Black
Dimensions (WxDxH)	38.263 cm x 3.49 cm x 24.411 cm
Weight	3.5 kg
Localisation	Europe

Compliant Standards	UL, VCCI, BSMI, CB, CCC, FCC
Manufacturer Warranty	2-year warranty

Extended Specification

General

Display Type	LED-backlit LCD monitor / TFT active matrix
Diagonal Size	15.6"
Operating System	Android 10
Configuration	Quad core Rockchip RK3288 1.8GHz, 2GB DDR3, 16GB EMMC Flash
Built-in Devices	Wi-Fi
Aspect Ratio	16:9
Native Resolution	Full HD (1080p) 1920 x 1080
Brightness	400 cd/m²
Contrast Ratio	1000:1
Horizontal Viewing Angle	+85 / -85
Vertical Viewing Angle	+85 / -85
Backlight Technology	LED backlight
Features	Projected Capacitive Touch (P-CAP) technology
Colour	Black
Dimensions (WxDxH)	38.263 cm x 3.49 cm x 24.411 cm
Weight	3.5 kg

Manufacturer Warranty

Service & Support	Limited warranty - 2 years
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Miscellaneous

Features	Wall mountable, built-in microSD slot, PoE powered, ultra-slim, front IP65 protection, RISC-based, all-in-one computer
Compliant Standards	UL, VCCI, BSMI, CB, CCC, FCC
Localisation	Europe

Software / System Requirements

Included Software	Advantech DeviceOn/iService
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Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	40 °C
Humidity Range Operating	10 - 95% (non-condensing)

Audio

Type	Speakers
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Connectivity

Interfaces	HDMI Network (RJ-45) RS-232 2 x USB 2.0 Audio line-out Audio line-in
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Input

Type	Touch-screen - touchscreen
Movement Detection Technology	Capacitive

Mechanical

VESA Mounting Interface	75 x 75 mm
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Product data is provided by CNET, we do not warrant the accuracy and completeness of the material contained in this data sheet