

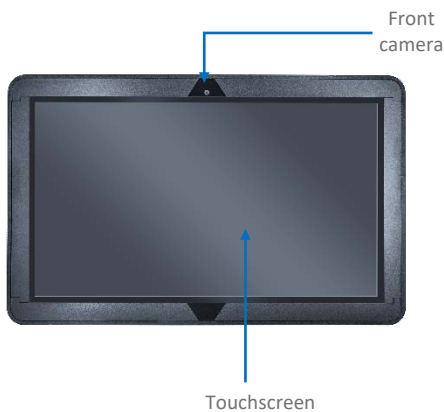
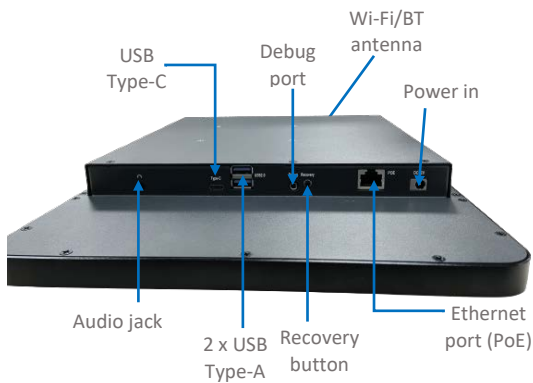
O15 15.6" All-in-one Panel PC



Product Brief Introduction

Vantron O15 15.6" all-in-one panel PC is powered by RK3399 high-performance hex-core processor. O15 integrates a 15.6-inch intuitive, reliable touchscreen monitor with a compact, all-purpose industrial computer, and demonstrates high reliability and high performance. It offers excellent visual experience and enhances human-machine interaction. With varying specification options, O15 is customizable to allow application in commercial displays, self-service terminals, game machines, and industrial automation.

Exterior and Features



O15



RK3399, Cortex-A72 dual-core and Cortex-A53 quad-core high-performance processor



2GB Memory and 16GB Storage



15.6" 1920 x 1080 FHD display, 10-point PCAP touch panel



USB Type-C, USB Type-A supported



PoE supported

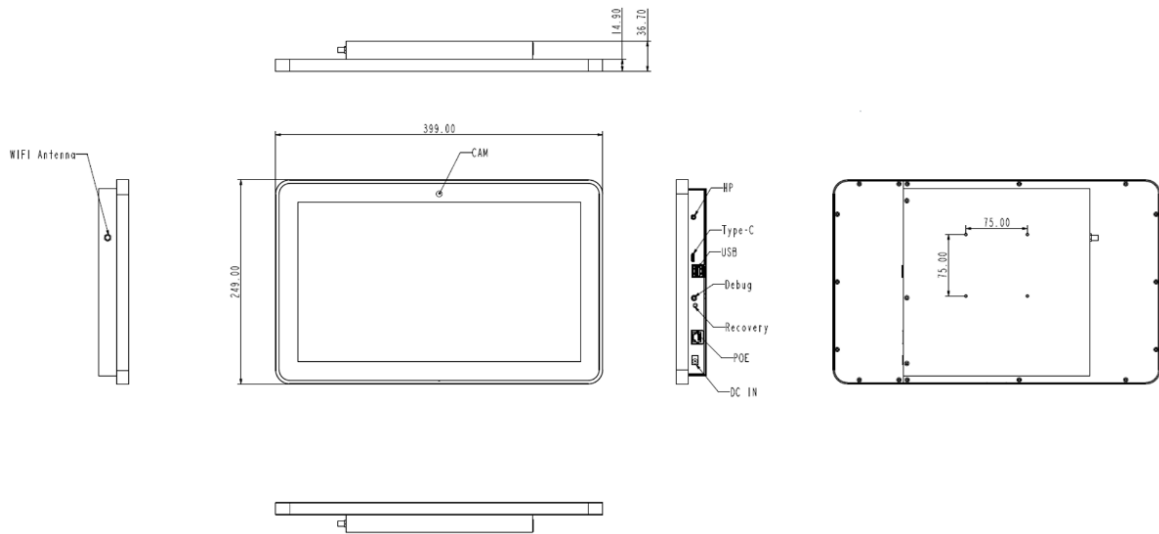


VESA mount option available

O15 15.6" All-in-one Panel PC Datasheet

O15		
System	CPU	Rockchip RK3399, Dual core ARM Cortex A72 and Quad core ARM Cortex A53, 1.8GHz (Max)
	Memory	2GB
	Storage	16GB
Communication	Ethernet	1 x RJ45, 10/100/1000Mbps (PoE supported)
	Wi-Fi & Bluetooth	Wi-Fi 802.11 a/b/g/n/ac + BT 5.0
Media	Display	15.6" LCD Resolution: 1920 x 1080 Brightness: 250 cd/m ²
	TP	10-point PCAP touch screen
	Audio	1 x 3.5mm combo audio jack
	Camera	Front camera, 5MP
I/Os	USB	1 x USB 3.0 Type-C 2 x USB 2.0 Type-A
	Debug	1 x Debug COM port (RS232)
	Button	1 x Recovery button
Software	OS	Android 10
	Device management platform	BlueSphere MDM
	OTA tool	BlueSphere OTA
Power	Input	12V/2A DC
Mechanical	Dimensions	399mm x 249mm x 36.7mm
	Installation	VESA mount (75mm x 75mm)
Environment Condition	Temperature	Operating: 0°C~+50°C
		Storage: -20°C~+60°C

Product Outlines



Accessories and Order Information

Accessories		
O15	Power cable	1 pc
	Adapter	1 pc
	Wi-Fi/BT antenna (Optional)	1 pc

Order Info	O15
-X	-1: PoE supported -2: PoE not supported
Example	O15-1: PoE supported

Company Profile

Since 2002 established by two Silicon Valley entrepreneurs, Vantron Technology has been a pioneer in connected IoT devices and IoT platform solutions. Today, Vantron serves countless customers all over the world, some of them are Fortune 500 companies. Products lines cover edge intelligent hardware, IoT communication devices, industrial displays and BlueSphere cloud device management platform.

Vantron has 20 years of experience in R&D of embedded edge intelligent hardware like SOM board and motherboard, and provided users with various embedded solutions with ARM and X86 architecture. From Linux to Windows, from embedded to desktop level, from gateway to server. At the same time, we provide our users with system clipping, driver transplantation and other services.

Vantron IoT communication devices support multi-protocol connection of industrial equipment, edge computing of local data. Abundant wired and wireless connectivity make remote operations and maintenance possible. From electricity and transportation to smart retail, medical and warehousing, Vantron IoT communication device can be deployed anywhere in any business section. Vantron believes its IoT solution to help many companies finish their digital transformation, efficiency of manufacturing and productivities have been improved significantly.

Vantron industrial display systems, ARM and X86 series, are equipped with Rockchip, NXP, MediaTek, Intel and other high-performance processors. It supports various operating systems such as Windows, Linux, and Android. Diverse wireless communications keep your device online all the time. Multiple installation methods make it suitable for a variety of application scenarios. Features like waterproof, dustproof, shatter resistant guarantee the best performance in any environment.

Vantron BlueSphere device management platform, a software product, is playing a big role in Vantron overall IoT solution. Today, Vantron puts more focus on offering complete cost effective, leading-edge yet reliable solutions to help customers carry out their visions.