

MV-VT310*

VT3000 Series Touch Screen PC



Introduction

MV-VT310* touch screen PC adopts Intel® Coffee Lake CPU and multi-point capacitive touch screen, which is accurate and sensitive in operation. It has multiple interfaces, such as, GigE, USB, serial ports and others, and supports 11-channel GPIO and other interfaces. It is used in simple multi-camera vision applications, providing more flexible options for vision devices.

Applicable Industry

Food and drug packaging, new energy industry, transportation industry, etc.

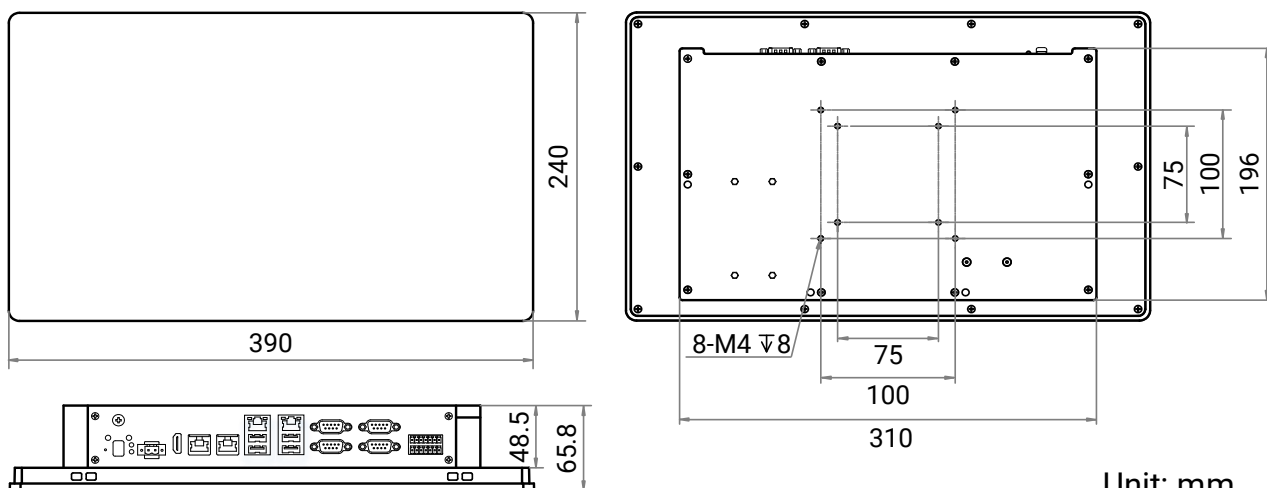
Available Model

- With 2 TB HDD: MV-VT3100-128G40-2T
- Without 2 TB HDD: MV-VT3100-128G40-NN

Key Feature

- Adopts 8th generation Intel® CPU to offer strong performance.
- Supports 11-channel GPIO and easy to use.
- Adopts GigE interfaces for stable data transmission.
- Built-in USB interface for on-site maintenance is optional.
- Full metal cover, solid and durable.
- Provides extended interface for HDD, Wi-Fi, etc.
- Supports countertop placement, rear and embedded mounting, and VESA standards.

Dimension



Unit: mm

Specification

Model	MV-VT3100-128G40-NN	MV-VT3100-128G40-2T
Performance		
CPU	Intel® Celeron® G4900T	
Memory	8 GB	
Storage	128 GB SSD	128 GB SSD + 2 TB HDD
Operating system	Unactivated Windows 10	
External interface		
Video output	HDMI interface × 1 (1920 × 1080)	
Digital I/O	Digital-isolated input × 3 Opto-isolated output × 8	
Network interface	GigE interface × 4	
USB interface	USB 3.0 × 4	
Serial port	RS-232 × 4, supports switching to RS-485 and RS-422	
Electrical feature		
Power supply	24 VDC	
Power consumption	Typ. 120 W	
Display		
Screen size	15.6 inches	
Resolution	1920 × 1080	
Display area	344.16 mm × 193.59 mm	
Backlight	LED	
Backlight lifetime	50000 hrs	
Viewing angle	89°(R) / 89°(L) / 89°(B) / 89°(T)	
Contrast ratio	1200:1	
Brightness	500 cd/m²	
Touch screen		
Touch type	Multi-point capacitive touch screen	
Multi-touch	Touch supports with 10 points under Windows operating system	
Touch times	35 million times	
Transmittance	≥ 87%	
Surface hardness	≥ 6 H	
Mechanical		
Dimension	390 mm × 240 mm × 65.8 mm (15.4" × 9.4" × 2.6")	
Weight	Approx. 4.8 kg (10.6 lb.)	
Temperature	Working temperature: 0 °C to 50 °C (32 °F to 122 °F) Storage temperature: −30 °C to 70 °C (−22 °F to 158 °F)	
Humidity	20% RH to 80% RH (no condensation)	
General		
Certification	CE, KC	