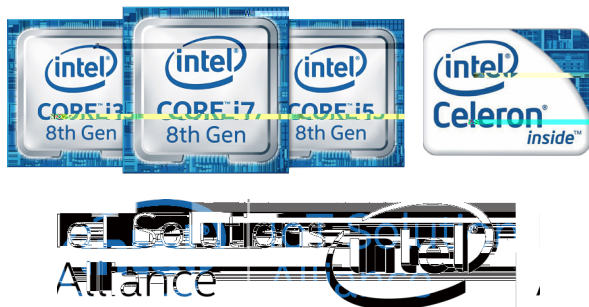


Machine Vision MV06-C

Intel Whiskey Lake-U/Tiger Lake-U based
Machine Vision Controller



Features

- Intel® Whiskey Lake-U/Tiger-Lake U Core Board based, Core i3, i5, i7, Celeron Processor
- 2 × SO-DIMM slot for memory up to 64GB
- Integrated Graphics displays via 1x HDMI, 1x DVI
- Rich I/O ports: 6× LAN, 4 × COM, 4x USB3.0, 2x USB2.0, 1x DC-in
- Fan/Fanless design, low power consumption
- High quality aluminium enclosure

The Maxtang's MV06-C machine vision controller incorporated the Intel® Whiskey Lake-U/Tiger Lake-U core board plus the I/O board. Features with 6xLAN, 4x COM, 6xUSB, and PoE optional, optimizing easy maintenance in industrial automation environments. This product retains the robust design of all Maxtang product lines, at a new extremely cost-effective price point.

The MV06-C supports dual-channel DDR4 up to 64GB memory for more powerful computing performance. Along with a versatile I/O array and flexible expansion capacity, it is fully satisfying all the needs of industrial automation with the performance demanded by vision inspection, motion control, and

Technical Specifications

Whiskey Lake-U	CPU	4205U	8145U	8265U	8665U
	Core Frequency		1.8 GHz	2.1 GHz	1.6 GHz
Turbo Frequency			3.9 GHz	3.9 GHz	4.8 GHz
Cache		2 MB	4 MB	6 MB	8 MB
Tiger Lake-U	CPU	6305	1115G4	1145G7E	
	Core Frequency	1.8 GHz		1.5 GHz	
	Turbo Frequency		4.1 GHz	4.1 GHz	
	Cache	4 MB	6 MB	8 MB	
Memory	Type	2x SO-DIMM DDR4			
	Max Capacity	64 GB			
Display	HDMI	1			
	DVI	1			
Ethernet	Speed	10/100/1000 Mbps			
	Controller	Intel i211+ i350			
	Interface	RJ-45			
Storage	M.2	1xM.2_M for 2280 SSD (SATA3.0)			
	M.2	1xM.2_B, for 2242/2280 SSD (SATA3.0) or 4G module (Optional)			
I/O	LAN	2x i211 + 4 x i350 (PoE Optional)			
	COM	4x RS232/RS235			
	USB	4x USB3.0 + 2x USB2.0			
	DC-in	1			
	Wired Control	1			
Dimension	Size	90 mm x 220 mm x 150 mm			
Power	Standard Port	24V DC-in			
		9 - 36V w/o PoE			
Temperature	Operating Temp.	-20°C to 60°C			
	Storage Temp.	-40°C to 80°C			
Cooling	Whiskey Lake	Passive			
	Tiger Lake	Active			
Operating System		Windows 10 64bit, Linux 64bit			

*All specifications and photos are subject to change without notice.

Dimensions

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