

VBC-210

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Machine Vision Computer with Intel® LGA1151 6/7/8/9th Core™ I3/I5/I7 CPU, 6x Intel® LAN (4POE), 16x Opto-isolated DIO

Overview

Darveen VBC series products for machine vision applications, which support desktop high-performance CPU, integrate 6x INTEL LAN, support 4x POE, provide 16x isolated GPIO, can expand the motion control card, and are widely used in factory automation, pharmaceutical production line, automobile production line robot arms.

Features

- Intel B365 Chipset
- 6x Intel LAN (4 x POE), 16x Opto-isolated DIO
- 8x USB 3.0, 6x COM
- 1x VGA, 1x HDMI



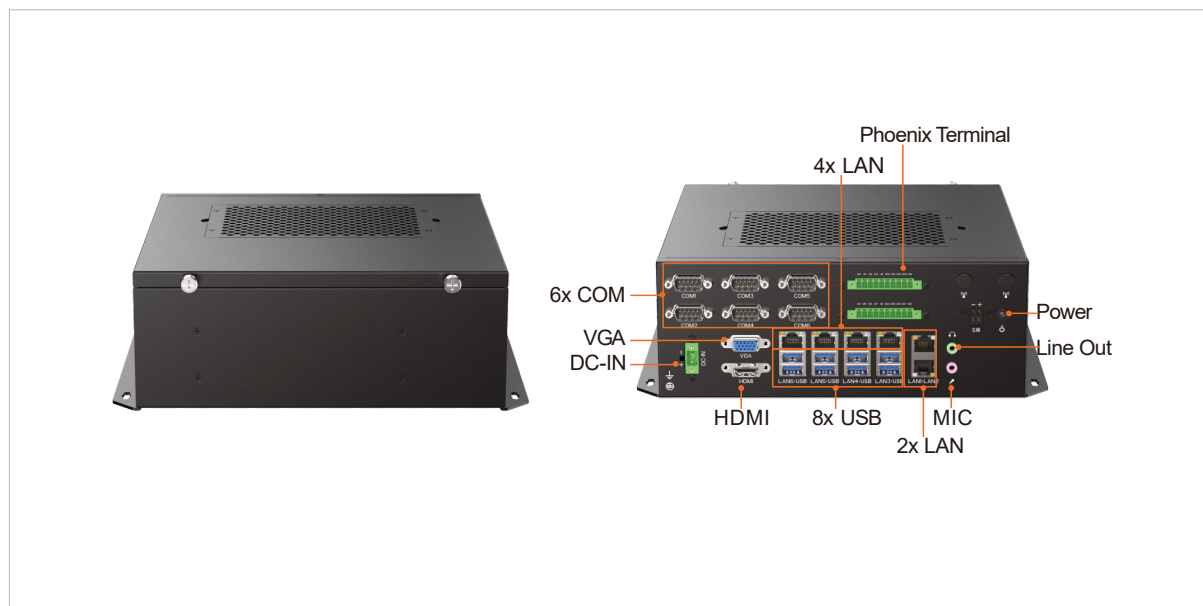
Operating Temp.



Power Input



I/O Interfaces



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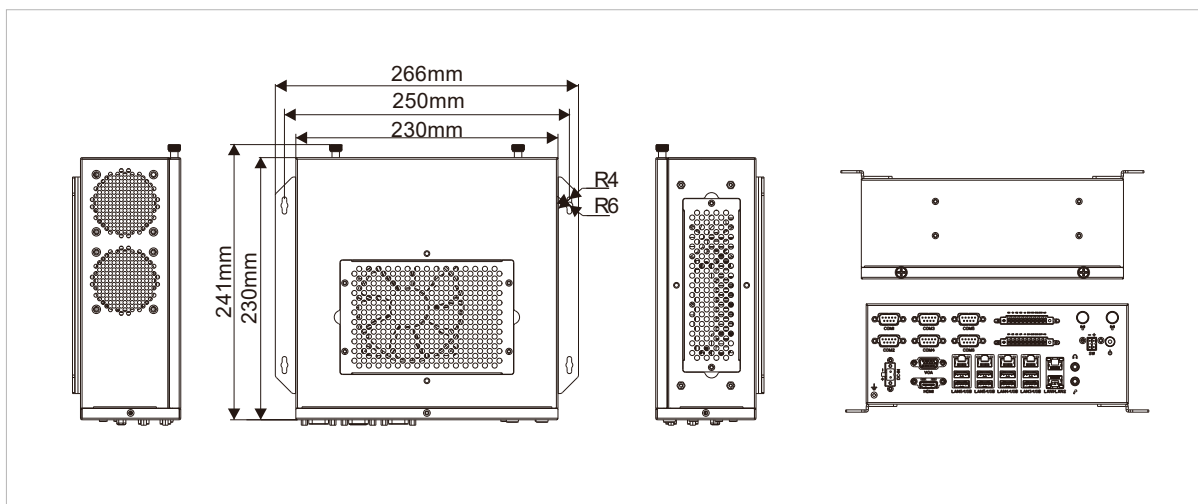
Specifications

System	
CPU	Intel® LGA1151 6/7/8/9th Core i3/i5/i7 CPU
Chipset	Intel B365
Memory	2 x DDR4-2133/2666 MHz DIMM up to 64GB
Storage	1 x 2.5" HDD 1 x mSATA
Graphics	By CPU
TPM	TPM2.0(Op@ons)
I/O Ports	
USB Port	8 x USB3.0
Serial Port	6 x RS232(2 x RS232/RS485)
Ethernet	6 x Intel LAN for GbE(4 x POE Op@ons)
Display Port	1 x VGA, 1 x HDMI
SIM Card Slot	1 x SIM
DIO	16 x Opto-isolated DIO(Op@ons)
Antenna Hole	2 x SMA-type
Expansion Slot(Optional)	
Mini-PCle	1 x full-size mini PCle
RF Communication	
Wi-Fi	Mini-PCle Expansion (Op@onal)
Cellular	Mini-PCle Expansion (Op@onal)
Bluetooth	Mini-PCle Expansion (Op@onal)
GNSS	Mini-PCle Expansion (Op@onal)
Audio	
Audio	Line Out, Mic
Power	
Remote Power On/Off	4-Pin Remote&LED
DC Input	9~28V DC-IN
Input Type	1x2pin Terminal Block Connector
Operating System	
Windows	Windows 7/10/11
Linux	Ubuntu
Mounting Mode	
Dimensions (WxDxH)	230 x 230 x 88mm (8.3 x 8.3 x 2.03 inches)
Weight (N.W.)	2KG(4.41lb)
Moun@ng	Wall-mount
Material	Sheet Metal
Environment	
Opera@ng Temperature	-0 to 60 δ (32 to 140°F, with SSD Airflow 0.7m/s)
Storage Temperature	-20 to 80 δ (-4 to 185°F)
Rela@ve Humidity	10 ~ 85% (Non-condensing)

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Dimensions



Ordering Information

Part No.	Description
VBC-210	VBC-210 6LAN(4POE), 16DIO, 8USB, 6COM, VGA, HDMI, Line Out, Mic