

Intel Apollo Lake Fanless Vision Controller



Features

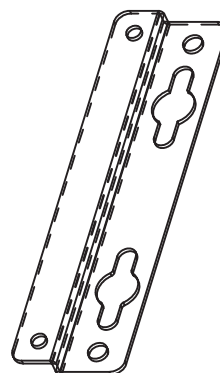
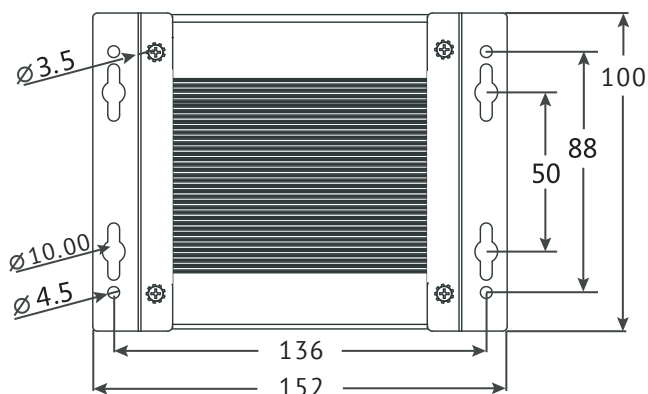
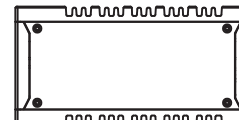
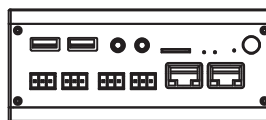
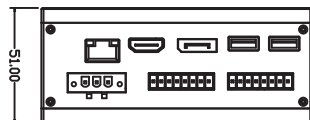
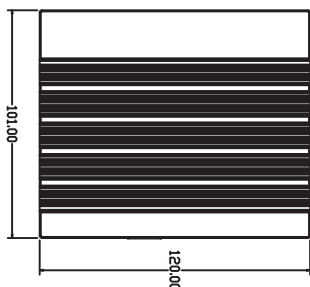
- Intel® Apollo Lake series SoC
- Dual independent displays with HDMI and DP
- 3 x Gigabit LAN(2 x Intel i210)
- 4 x Digital IO
- 2 x Light control
- 1 x M.2 storage device
- Wide temperature operation:-20°C~60°C
- Fanless slim system
- Wall mounting design

Specifications

		V300 Series
Processor System	CPU	Intel Apollo Lake N3350/I3355/N4200/I4205 series SoC
	Lithography	14nm
	L2 Cache	2 MB
	BIOS	AMI 8Mb UEFIBIOS
Memory	Technology	DDR3L 1600MHz
	Capacity	2GB (up to 8GB)
	Memory Chip	Memory chips Onboard
Display	Chipset	Intel® HD Graphics 500/505
	Graphics Engine	4K Codec Decode & Encode for H.264, MPEG2, MVC, VC-1, WMV9, H.265 / HEVC, VP9
	DP	Max. 4096 x 2160 @ 60Hz
	HDMI	Max. 3840 x 2160 @ 30Hz
Dual Display	Yes, HDMI + DP	
Audio	Controller	Realtek ALC662, High Definition Audio, Line-out, Mic-in
Ethernet	LAN1	RTL8111H GbE
	LAN2/LAN3	Intel i210 GbE
I/O Interface	USB Interface	2 x USB3.0, 2 x USB2.0
	Serial Ports	1 x RS232, 1 x RS485
	Light Control	2 x Current Control(CH1, CH2), Max. 24W (24V 1A) each
	DIO	4 x DI(Opto-couplers isolation) 4 x DO(Opto-couplers isolation)
Storage	eMMC	8GB, up to 256GB
	M.2	1 x 2242 SSD
	TF-Card	1 x TF
Power Supply	DC Input	24V DC
OS	OS	Windows 10 64bit, Linux
Physical Characteristics	Construction	Aluminium Alloy
	Mounting	Wall Mounting
	Dimensions	120 x 100 x 51mm (LxWxH)
	Weight	0.65 Kg
Environment	Operating Temperature	-20°C~60°C, airflow 0.7m/s
	Storage Temperature	-40°C~80°C
	Relative Humidity	95% @ 40°C (Non-Condensing)
	Vibration During Operation	With SSD:3Grms, IEC 60068-2-64, random vibration, 5~500 Hz, 1hr/axis
	Shock During Operation	With SSD:30 G, IEC 60068-2-27, half sine, 11m duration
	ESD	Contact +/-4 KV, Air +/-8 KV
EMC	CE/FCC Class B	

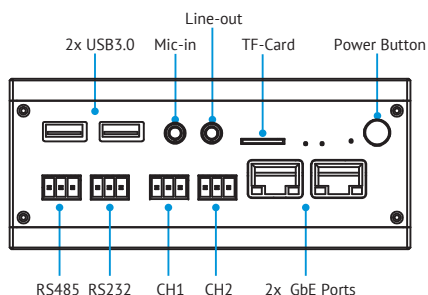
Dimensions

Unit : mm

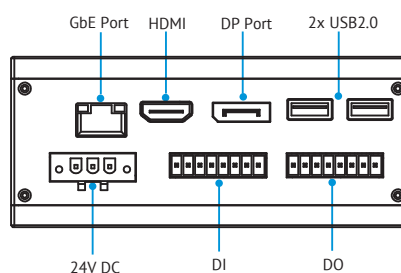


Wall Mounting Size

Front Panel External I/O Mechanical Layout/Drawing



Rear Panel External I/O Mechanical Layout/Drawing



Ordering Information

P/N	CPU	Memory	GbE	USB2 .0	USB3 .0	RS -232	RS -485	Audio	DIO	Light Control	eMMC	TF	M.2 SSD	Power Input
V300-3260	Intel Pentium N4200 2.5 GHz SoC	4GB	3	2	2	1	1	Line - out Mic-in	4xDIO	2	-	1	128GB	24V 3PIN Phoenix
V300-5260	Intel Pentium J4205 2.6 GHz SoC	4GB	3	2	2	1	1	Line - out Mic-in	4xDIO	2	-	1	128GB	24V 3PIN Phoenix

Packing List

P/N	Description
	1 x V300 Unit
	1 x 3PIN Phoenix

Optional Item for Default SKU

P/N	Description
	Wall mounting kits
	AC-DC Adapter, DC24V with 3PIN Phoenix