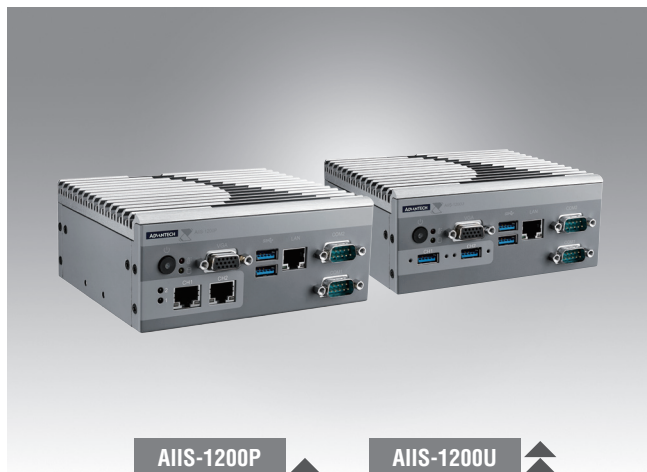


AIIS-1200P (GigE PoE) AIIS-1200U (USB 3.0)

Palm Size Vision System, Supports Intel® Braswell SoC, 2-CH Camera Interface for GigE PoE or USB 3.0



Features

- Intel® Braswell Celeron N3160/Pentium N3710 SoC
- AIIS-1200P: 2-CH GbE PoE (Power over Ethernet)
 - Powered device auto detection and classification
 - IEEE 802.3af compliant and supports IEEE 1588
 - Compatible with GigE Cameras
- AIIS-1200U: 2-CH USB 3.0 with dedicated controller
 - Maximize the USB3.0 bandwidth for multi-cameras
 - Compatible with USB 3.0 Cameras
- Compact & thoughtful design
 - Volume less than 0.9 Liter
 - Isolated Digital I/O
 - Wall or DIN-Rail mounting kit (optional)



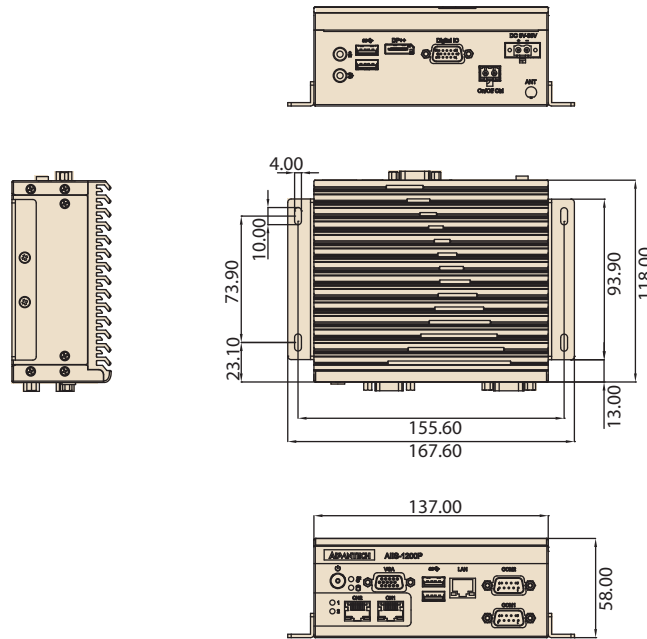
Specifications

		Intel Celeron N3160	Intel Pentium N3710	
Processor System	CPU	Intel Celeron N3160	Intel Pentium N3710	
	Core	4	4	
	Base Frequency	1.6GHz	1.6GHz	
	L2 Cache	2MB	2MB	
	Chipset	N/A	N/A	
BIOS	BIOS	AMI 64Mb SPI Flash		
	Technology	Dual Channel DDR3L 1600 MHz (Non ECC)		
Memory	Max. Capacity	On board 8GB		
Graphics	Chipset Integrated	Integrated Intel HD Graphics		
Camera Interface PoE (AIIS-1200P)	Controller	CH1 ~ CH2: Intel i210		
	Compliant	IEEE 802.3af		
	Power Output	15.4W per Channel		
Camera Interface USB 3.0 (AIIS-1200U)	Controller	CH1 ~ CH2: uPD720202		
	Compliant	USB 3.0		
	Power Output	4.5W per Channel		
Ethernet	Interface	10/100/1000 Mbps		
	Controller	Intel i210		
Expansion	Mini PCIe	1 x Full-size (Supports mSATA)		
Storage	Internal 2.5" HDD Bay	1 (max. 9.5 mm height)		
	mSATA	1 (via mini PCIe slot)		
Front I/O	Display	VGA		
	USB	2 USB3.0		
	Serial	COM 1 (RS-232/422/485 via BIOS setting; RS-485 with auto-flow control) COM 2 (RS-232)		
Rear I/O	Audio	Line-out & Mic-in		
	Display	DP++		
	USB	2 USB 3.0		
	DIO	8 Channels (4 isolated DI and 4 isolated DO channels)		
Watchdog Timer	Output	System reset		
	Interval	Programmable 1 ~ 255 sec/min		
Power Requirement	Power Type	AT/ATX		
	Power Input Voltage	9 V _{DC} ~ 36 V _{DC}		
Miscellaneous	LED Indicators	Power, HDD, temperature		
	Control	Power on/off switch		
Environment	Temperature	Operating HDD: 0 ~ 40 °C (32 ~ 104 °F) with 0.7m/s air flow SSD: -10 ~ 60 °C (-4 ~ 140 °F) with 0.7m/s air flow	Non-operating -40 ~ 70 °C (-40 ~ 158 °F)	
	Humidity	10 ~ 95% @ 40 °C, non-condensing		
	Vibration	HDD: 0.5G, random, 5~500Hz, 3 axes, 1 hr/axis SSD: 3G, random, 5~500Hz, 3 axes, 1 hr/axis	2G, sine wave, 5~500Hz, 3 axes, 1 hr/axis	
	Shock	HDD: 10G, half sine wave, 11 ms duration SSD: 50G, half sine wave, 11 ms duration		
	Physical Characteristics	Dimension (W x H x D)	137 x 58 x 118 mm (5.39" x 2.28" x 4.65")	
Weight		1.1Kg (2.425lb)		

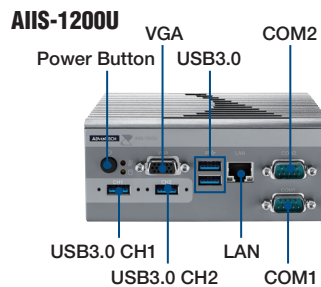
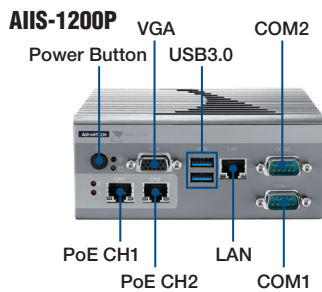
* Depends on CPU

Dimensions

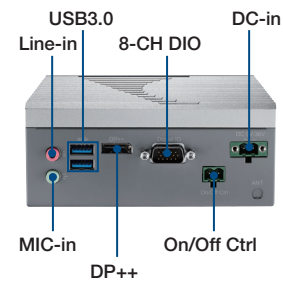
Unit: mm



Front View



Rear View



Ordering Information

Part Number	CPU	Camera Interface	Display	USB 3.0	Isolated DIO	COM1 (RS-232/422/485)	COM2 (RS-232)
AIIS-1200P-S6A1E	Intel Celeron N3160	2-CH GigE PoE	VGA + DP++	4	8-CH	1	1
AIIS-1200U-S6A1E	Intel Celeron N3160	2-CH USB 3.0	VGA + DP++	4	8-CH	1	1
AIIS-1200P-16A1E	Intel Pentium N3710	2-CH GigE PoE	VGA + DP++	4	8-CH	1	1
AIIS-1200U-16A1E	Intel Pentium N3710	2-CH USB 3.0	VGA + DP++	4	8-CH	1	1

Packing List

Items	Part Number	Quantity
Bare System	AIIS-1200	1
Startup Manual	2001120001	1
Driver CD	2061120001	1
Wallmount Bracket	1960052226N002	2
2-pin Phoenix DC power connector	1652002205	1
DIN-Rail Bracket	1950016395T102	1
2-Pin PW on/off Ctrl connector	1652002207	1

Optional Accessories

Part Number	Description
1700001524	Power Cord 3P UL 10A 125V 180cm
170203183C	POWER Cord 3P Europe (WS-010+WS-083)183cm
1700021376-01	Power Cord 3P PSE 7A 125V 250cm(IEC60320-C5)
96PSA-A65W19P2-2	DC19 Adapter 65Watt
1700023217-01	8-CH DIO Cable for Wiring Board
ADAM-3925-AE	8-CH DIO DB-25 Wiring Terminal, DIN-rail Mount

Note: If there is no 9~36V_{DC} source in your facility, this adapter is required to power on the system

Embedded OS

Part Number	Description
2070014323	img Win10Ent AIIS-1200 x64 V10.0.10240.0 10MU1
2070014481	Img WES7P AIIS-1200 x64 V5.8.0 10MU1