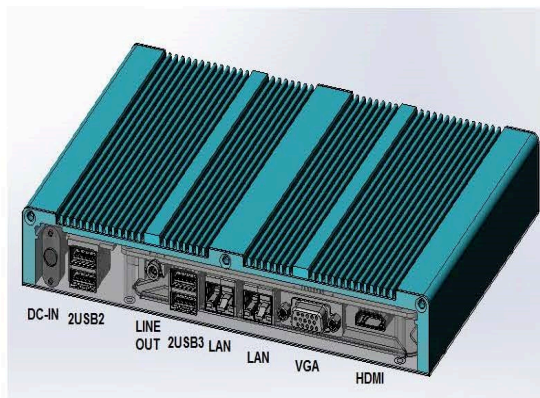


AES-1210 Series

**Intel Celeron J1900/N2930 Quad-Core CPU
Fanless Embedded Industrial PC, VGA/HDMI
2LAN, 2USB3/2, 2COM, Wide 9-36V DC-IN**



Features

- With Intel Bay Trail-D Celeron Quad-Core J1900 2.0GHz CPU
- With Intel Bay Trail-M Celeron Quad-Core N2930 1.86GHz CPU
- Highly compact, optimized performance and low power system
- Dual independent display VGA/HDMI, Dual Gigabit LAN
- Front bezel COM1/COM2, 4USB2 (customized more COM ports)
- Wide DC 9-36V Input (customized 2-pin phoenix connector)
- 0°C ~ 60°C operation for harsh environment, maintenance-free
- For digital signage, ATM, Kiosk and self-service applications
- Building, warehouse, traffic and machine automation control system

Specifications

Processor System	CPU	AES-1210D	AES-1210M	AES-1210E	AES-1210S
	Max. Speed(Core)	2.0GHz(4-core)	1.86GHz(4-core)	1.91GHz(4-Core)	1.46GHz(1-Core)
	L2 Cache	2MB	2MB	2MB	512KB
	CPU/Power	Celeron J1900	Celeron N2930	E3845	E3815
	BIOS	AMI 16Mb AMI UEFI with GUI support			
	Power Consumption	10W	7.5W	10W	5W
Expansion Slot	Mini-PCIe	1 x half-size			
	mSATA	1 x Mini-PCIe full-size			
Memory	Specification (SO-DIMM)	1 x DDR3L-1333			
	System Max. Capacity	8 GB	8GB	8GB	4GB
Graphics	VGA	1xVGA(1920x1200)			
	HDMI	1 x HDMI (1920 x 1200)			
Ethernet	Interface Controller	Realtek RTL8111E-VL			
	Connector	2 x RJ-45			
SATA	Max Data Transfer Rate	N/A (Available for AES-2210 series)			
	SATA2	N/A (Available for AES-2210 series)			
System Rear I/O	VGA	1 x DB-15			
	HDMI	1 x HDMI			
	Ethernet	2 x RJ45			
	USB Type A	2 x USB 3.0, 2 x USB 2.0			
	Audio	1 x Audio ports (Line-out)			
	System Power Input	1 x DC-Jack, 9-36Vdc Input (Option inquiry by 2-pin phoenix connector)			
Option(front bezel)	Option COM3/4	DB-9 by request on front bezel			
	Option GPIO 8-bit	DB-9 by request on front bezel, 4 x GPI + 4 x GPO			
System Front Bezel	Power-On Button	1x Moment button switch to turn-on system			
	System Power LED	1x LED for system power status			
	HDD LED	1x LED for SATA HDD data access status			
	COM Ports	2 x DB-9			
	USB	4 x USB 2.0 type A			
Operation System	Windows XP, XP 64bit	N/A			
	Win 7	Win 7 32-bit, 64-bit			
	Win 8.1, Win 8	Win 8.1/8 32-bit, 64bit			
Watchdog Timer	Output and Interval	System reset, programmable 1 ~ 255 sec/min; 1 sec. or 1min. /step			
Power Requirement	DC Input	9-36Vdc input (option DC12V 50W adapter)			
Environment	Temperature	Operating None-operating			
		0 ~ 60℃ (32 ~ 140°F) -40 ~ 85℃ (-40 ~ 185°F)			
Physical Size	Dimensions	202mm(W) x 140mm(D) x 30mm(H)			
Packing Size	Dimensions	300mm(W) x 250mm(D) x 125mm(H)			
Weight	N.W / G.W.	1.0Kg / 1.5Kg			
Certifications	EMC	To be available soon			