

AIIS-1240

PoE Control Box, Support Intel® Core™ i7/i5/i3 CPU, 4-CH GbE PoE



Features

- Intel® 3rd/2nd Core™ i7/i5/i3 CPU (LGA1155)
- 4-CH GbE PoE (Power over Ethernet), IEEE 802.3af compliant
 - CPU off-load by Ethernet controller
 - Powered Device auto detection and classification
 - Support IEEE 1588 & GigE Vision device
- Compact & thoughtful design
 - Volume less than 3 Liter
 - Easier Fan filter maintenance
 - Internal USB Type-A with lock design (Max. 49mm length)
 - Wall or DIN Rail mounting kit (optional)
 - G-sensor

Software: **SUSIAccess** **Acronis** **McAfee**



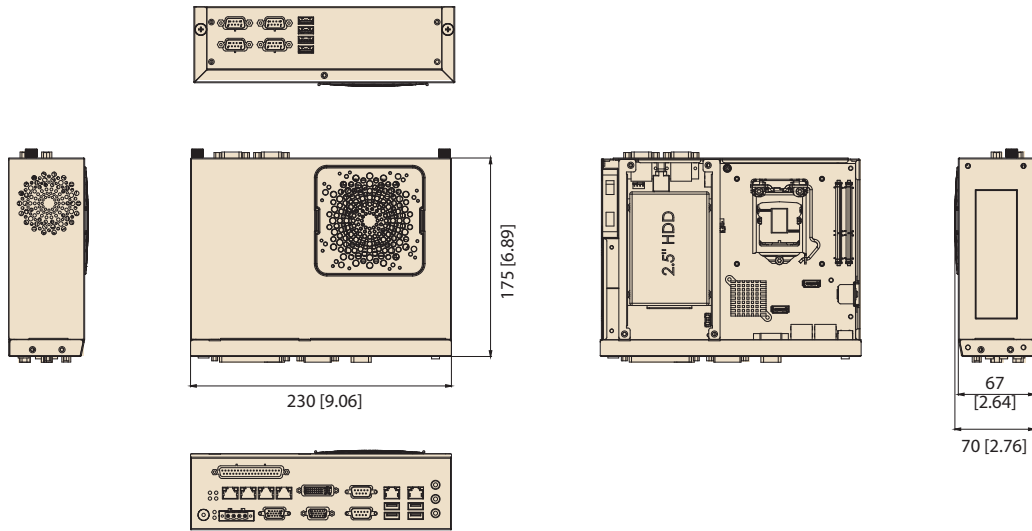
Specifications

	CPU	Core i7-3770	Core i5-3550S	Core i5-2400	Core i3-3220	Core i3-2120
Processor System	Core	4	4	4	2	2
	Base Frequency	3.4 GHz	3.0 GHz	3.1 GHz	3.3 GHz	3.3 GHz
	L3 Cache	8 MB	6 MB	6 MB	3 MB	3 MB
	Chipset	H61				
	BIOS	AMI 64Mb SPI Flash				
Memory	Technology	Dual Channel DDR3 1066/1333 MHz (Non ECC)				
	Max. Capacity	16 GB (8 GB per DIMM)				
	Socket	204-pin SO-DIMM x 2				
Graphics	Chipset Integrated	Integrated Intel HD Graphics				
PoE	Controller	Quad port NIC: Intel i350AM4				
	Compliant	IEEE 802.3af				
	Power Output	15.4W per Channel				
Ethernet	Interface	10/100/1000 Mbps				
	Controller	LAN1: Intel 82579V, LAN2: Intel 82583V				
Storage	Internal 2.5" HDD Bay	1				
	CFast	1				
Front I/O	Display	VGA + DVI-D				
	USB	4 USB3.0				
	Serial	2 (RS-232, RS-422 or RS-485 via BIOS setting)				
	DIO	8-bit (AIIS-1240), 40-bit (AIIS-1240F)				
Rear I/O	USB	4 USB2.0				
	Serial	4 RS-232				
Watchdog Timer	Output	System reset				
	Interval	Programmable 1 ~ 255 sec/min				
Power Requirement	Power Type	ATX				
	Power Input Voltage	19 V _{DC} ~ 24 V _{DC}				
	Minimum Power Input	DC 19-24V @ 8-6.3A				
	Power Adapter	AC to DC, DC24V/9.16A, 220W (Optional)				
Cooling	System Fan	1 (6cm / 27.7 CFM)				
Miscellaneous	LED Indicators	Power, HDD, temperature				
	Control	Power on/off switch				
Environment	Operating Temperature	0 ~ 50° C (32 ~ 122° F)*			Non-operating	
	Humidity	10 ~ 95% @ 40° C, non-condensing			-40 ~ 70° C (-40 ~ 158° F)	
	Vibration	1Grms, random, 5~500Hz, 3 axes, 1 hr/axis			2G, sine wave, 5~500Hz, 3 axes, 1 hr/axis	
	Shock	10G, half sine wave, 11 ms duration				
	Physical Characteristics	Dimension (WxHxD)	232 x 70 x 175 mm (9.06" x 2.76" x 6.89")			
Weight		2.5 kg				

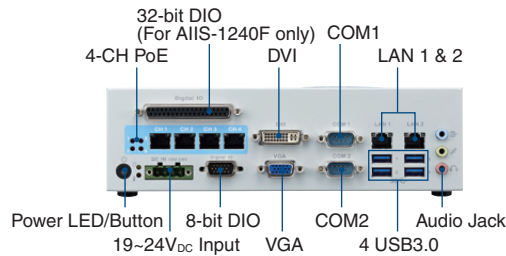
* Depend on CPU

Dimensions

Unit: mm [inch]



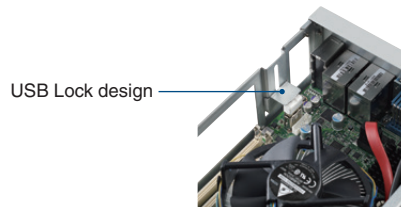
Front View



Internal View



Rear View



Ordering Information

Part Number	PoE Port	Display	USB 3.0/2.0	DIO	COM 232/422/485	COM 232
AIIS-1240-00A1E	4-CH	VGA+DVI-D	4 / 4	8-bit	2	4
AIIS-1240F-00A1E	4-CH	VGA+DVI-D	4 / 4	40-bit	2	4

Optional Accessories

Part Number	Description
1960058853N001	DIN-Rail Bracket
TBD	220Watt DC24 Adapter

Note: If there is no 19~24V_{dc} source in your facility, this adapter is required to power on the system

Packing List

Items	Part Number	Quantity
AIIS-1240(F) Bare System	AIIS-1240(F)-00A1E	1
Startup Manual	TBD	1
Driver CD	TBD	1
Wallmount Bracket	1960014487T004	2
Rubber Foot	1990012452S000	4
CPU Cooler	1960060620N001	1