

1168-12-2L3D

Product Features

The 1168-12-2L3D is an ultra-compact embedded industrial motherboard built on the 4th Gen Intel processor platform. In a Nano-ITX form factor, it integrates triple independent display outputs, dual Gigabit Ethernet, dual DB9 serial ports, dual storage interfaces, and wide-temperature industrial reliability. Designed for applications requiring multi-display capability, compact size, and stable long-term operation, it is ideal for industrial automation, digital signage, medical equipment, and commercial terminals.

Application Scenarios



Embedded Terminal



IoT Gateway



Industrial Automation



Digital Signage

Processor	Product Collection	4th Gen Intel Core Processor
	Sockets Supported	FCBGA1168
Memory specifications	Memory Type	DDR3L SO-DIMM 1.35V
	Maximum Capacity	8GB
	Maximum Frequency	1333/1600 MHz
Storage specifications	SATA	2*SATA 3.0 (6Gb/s)
	M.2	1*M.2 Key-M 2280 (PCIe 2.0 x2)
Network features	Ethernet	2*1GbE
	Controller	2*Realtek 8111
Extension interface	mPCIe	1*mPCIe
Display functions	Port	1*DP/2*HD
	Chip	Intel HD Graphics
Backplane I/O	Ethernet	2*RJ45
	COM	2*DB9 COM
	Power supply	1*Jack DC 5.5/2.5mm
Onboard I/O	Display	1*DP/2*HD
	USB	2*USB-A 2.0, 4*USB-A 3.0, 1*USB-C 2.0
	Audio	1*Jack Audio
	Button	1*Power Button
Onboard I/O	SATA	2*SATA Data connector/1*SATA Power socket

	SIM	1*SIM Card slots
	Fan	1*CPU fan power socket
	Pins	1*F_PANEL
		1*J_GPIO
Power supply mode	DC	12V
Motherboard size	Specification	120*120 (mm)
Work Environment	Temperature	-20~55℃
	Humidity	5%~90% (Relative humidity, no condensation)



G30S-1168-2L

Product Features

The G30S-1168-2L is a compact, fanless embedded industrial PC built on the 4th Gen Intel processor platform. Within a durable metal chassis, it integrates triple independent display outputs, dual Gigabit Ethernet ports, dual DB9 serial interfaces, dual storage options, and rich USB connectivity. Designed for applications requiring multi-display capability, silent operation, compact deployment, and long-term reliability, it is ideal for industrial automation, digital signage, medical equipment, and commercial terminals.

Application Scenarios



Embedded Terminal



IoT Gateway

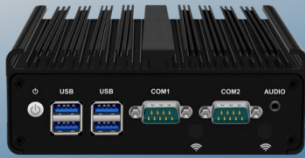


Industrial Automation



Digital Signage

Processor	Product Collection	4th Gen Intel Core Processor
	Sockets Supported	FCBGA1168
	Memory Type	DDR3L SO-DIMM 1.35V
Memory specifications	Maximum Capacity	8GB
	Maximum Frequency	1333/1600 MHz
	Storage specifications	SATA
Storage specifications	M.2	1*M.2 Key-M 2280 (PCIe 2.0 x2)
	Power	1*Jack DC_IN
Front Panel	Ethernet	2*RJ45
	Display	1*DP/2*HD
	USB	2*USB-A 2.0, 1*USB-C 2.0
	Button	1*Start or Restart
Interface	USB	4*USB-A 3.0
	Serial port	2*DB9 COM
	Audio	1*Jack Audio
Back Panel	Antenna	2*Reserved
	Extension interface	mPCIe
Cooling Method	Passive Cooling, Fanless (Need air flow)	
System Specifications	Chassis Size	128*126*48 (mm)
	Weight	Equipment Weight 0.75 KG; Package Weight 1.25 KG (including accessories)
Power Mode	DC	12V 4A or Higher
Work Environment	Temperature	0~50℃
	Humidity	5%~90% (Relative humidity, no condensation)



H30S-1168-2L

Product Features

The H30S-1168-2L is a compact, fanless embedded industrial PC built on the 4th Gen Intel processor platform. Within a durable metal chassis, it integrates triple independent display outputs, dual Gigabit Ethernet ports, dual DB9 serial interfaces, dual storage options, and rich USB connectivity. Designed for applications requiring multi-display capability, silent operation, compact deployment, and long-term reliability, it is ideal for industrial automation, digital signage, medical equipment, and commercial terminals.

Application Scenarios



Retail Terminals



IoT Gateway



Industrial Automation



Digital Signage

Processor	Product Collection	4th Gen Intel Core Processor
	Sockets Supported	FCBGA1168
Memory specifications	Memory Type	DDR3L SO-DIMM 1.35V
	Maximum Capacity	8GB
	Maximum Frequency	1333/1600 MHz
Storage specifications	SATA	2*SATA 3.0 (6Gb/s)
	M.2	1*M.2 Key-M 2280 (PCIe 2.0 x2)
Interface	Power	1*Jack DC_IN
	Ethernet	2*RJ45
	Display	1*DP/2*HD
	USB	2*USB-A 2.0, 1*USB-C 2.0
	Button	1*Start or Restart
	USB	4*USB-A 3.0
	Serial port	2*DB9 COM
	Audio	1*Jack Audio
	Antenna	2*Reserved
	Extension interface	mPCIe
Cooling Method	Passive Cooling, Fanless (Need air flow)	
System Specifications	Chassis Size	128*126*48 (mm)
	Weight	Equipment Weight 0.75 KG; Package Weight 1.25 KG (including accessories)
Power Mode	DC	12V 4A or Higher
Work Environment	Temperature	0~50℃
	Humidity	5%~90% (Relative humidity, no condensation)