



# B760-6LAN

## Product Features

*The B760-6LAN is a high-performance industrial motherboard based on the Intel B760 chipset. It is compatible with 12th/13th/14th generation Intel processors (LGA1700), supports dual-channel DDR4 SO-DIMM memory, and integrates 6x 2.5Gb Ethernet ports and multi-channel storage expansion interfaces. With abundant expansion slots, it is suitable for various application scenarios such as network security, virtualization gateways, industrial automation, IoT edge computing, and SD-WAN systems*

## Application Scenarios



Enterprise Security Gateway



Industrial Automation Control



Edge Computing Nodes



Server Cluster

Processor	Product Collection	Intel® 12th/13th/14th Gen Processor
	Sockets Supported	FCLGA1700
	Memory type	2*DDR4 SO-DIMM
Memory specifications	Maximum capacity	2*32GB
	Maximum frequency	3200 MT/s
Storage specifications	SATA	4*SATA 3.0
	M.2	1*M.2 Key-M 2280 (PCIe Gen4 x4)
Network features	Ethernet	6*2.5GbE
	Controller	6*Intel I226V
Extension interface	PCIe	1*PCIe x16 (PCIe 5.0), 1*PCIe x4 (Via FPC Cables)
	mPCIe	1*mPCIe (USB 2.0 signal)
	M.2	1*M.2 Key-E 2230 (USB/PCIe/CNVi), 1*M.2 Key-B 3052 (USB3.0 signal)
Display functions	Pins	1*J_VGA/1*J_HDMI
	Chip	Depends on the processor
Backplane I/O	USB	2*USB-A 3.2 (10Gb/s) Ports
	Console	1*RJ45 COM-RS232
	Ethernet	6*RJ45
Onboard I/O	Power supply	1*Jack DC 5.5/2.5mm
	SATA	4*SATA Data connector, 4*SATA Power socket
	USB	1*USB-A 2.0

	Display	1*J_VGA, 1*J_HDMI, 1*J_eDP or J_LVDS
	SIM	1*Nano SIM card slots
	Fan	1*CPU_FAN, 1*SYS_FAN
	Pins	1*F_PANEL
		1*J_COM 2, 1*J_COM 3-6 (can expand 6x COM ports)
		1*F_USB 3.0 (can expand 2x USB3.0 ports)
		2*F_USB 2.0 (can expand 4x USB2.0 ports)
		1*J_GPIO or J_LPT
		1*J_I2C, 1*J_KB/MS
		1*J_TPM
Power supply mode		DC 19/24V, 1*ATX 4-pin Connector or 1*Jack DC 24V
Motherboard size	Specification	180*200 (mm)
Work Environment	Temperature	-20~60°C
	Humidity	0%~90% (Relative humidity, no condensation)



# 1U-B760-6L

## Product Features

*The 1U-B760-6L is a high-performance 1U rackmount server powered by the Intel B760 chipset, supporting 12th–14th Gen Intel processors. It features dual-channel DDR4 memory, 6x 2.5GbE Ethernet ports, and flexible M.2, mPCIe, and PCIe expansion. Combining strong computing performance with reliable connectivity, it is ideal for enterprise gateways, data center edge nodes, and network security applications.*

## Application Scenarios



Enterprise Security Gateway



Industrial Automation Control



Edge Computing Nodes



Server Cluster

Processor	Product Collection	Intel® 12th/13th/14th Gen Processor
	Sockets Supported	FCLGA1700
	Memory type	2*DDR4 SO-DIMM
Memory specifications	Maximum capacity	2*32GB
	Maximum frequency	3200 MT/s
Storage specifications	SATA	4*SATA 3.0
	M.2	1*M.2 Key-M 2280 (PCIe Gen4 x4)
Network features	Ethernet	6*2.5GbE
	Controller	6*Intel I226V
Extension interface	PCIe	1*PCIe x16 (PCIe 5.0), 1*PCIe x4 (Via FPC Cables)
	mPCIe	1*mPCIe (USB 2.0 signal)
	M.2	1*M.2 Key-E 2230 (USB/PCIe/CNVi), 1*M.2 Key-B 3052 (USB3.0 signal)
Interface	Network	6*RJ45 LAN
	USB	2*USB-A 3.2
	Console	1*RJ45 COM
	Expansion	1*Reserved baffle
Interface	Display	1*VGA/1*HD (Reserve)
	Antenna	2 Groups (Reserve)
	Power supply	1*AC power socket
	Button	1*Power Button
Cooling Method	Active Cooling, 1*CPU Fan/2*Chassis Fan	

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System Specifications	Chassis Size	440*255*45 (mm)
	Weight	Equipment Weight 3.65 KG; Package Weight 4.50 KG (including accessories)
Power Mode	80V~264V AC input with PFC, Output: DC 24V	
Work Environment	Temperature	0~50°C
	Humidity	5%~90% (Relative humidity, no condensation)

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# 2U-B760-6L

## Product Features

*The 2U-B760-6L is a high-performance rackmount server platform designed for enterprise network security, virtualization computing, and edge data processing. Built on the Intel B760 chipset, it supports 12th to 14th Gen Intel processors, delivering exceptional computing power and I/O throughput. With high-density network interfaces, flexible expansion options, and an efficient thermal design, it offers outstanding system stability and processing performance for demanding applications such as firewalls, Unified Threat Management (UTM), SD-WAN, virtualization, and edge computing nodes.*

## Application Scenarios



Enterprise Security Gateway



Industrial Automation Control



Edge Computing Nodes



Server Cluster

Processor	Product Collection	Intel® 12th/13th/14th Gen Processor	
	Sockets Supported	FCLGA1700	
	Memory type	2*DDR4 SO-DIMM	
Memory specifications	Maximum capacity	2*32GB	
	Maximum frequency	3200 MT/s	
Storage specifications	SATA	4*SATA 3.0	
	M.2	1*M.2 Key-M 2280 (PCIe Gen4 x4)	
Network features	Ethernet	6*2.5GbE	
	Controller	6*Intel I226V	
Extension interface	PCIe	1*PCIe x16 (PCIe 5.0), 1*PCIe x4 (Via FPC Cables)	
	mPCIe	1*mPCIe (USB 2.0 signal)	
	M.2	1*M.2 Key-E 2230 (USB/PCIe/CNVi), 1*M.2 Key-B 3052 (USB3.0 signal)	
Interface	Front Panel	Network	6*RJ45 LAN
		USB	2*USB-A 3.2
		Console	1*RJ45 COM
	Expansion	1*Reserved baffle	
Back Panel	Display	1*VGA/1*HD (Reserve)	
	Antenna	2 Groups (Reserve)	
	Power supply	1*AC power socket	
	Button	1*Power Button	
Cooling Method	Active Cooling, 1*CPU Fan/2*Chassis Fan		

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System Specifications	Chassis Size	435*405*88 (mm)
	Weight	Equipment Weight 6.40 KG; Package Weight 8.50 KG (including accessories)
Power Mode	80V~264V AC input with PFC, Output: DC 24V	
Work Environment	Temperature	0~50°C
	Humidity	5%~90% (Relative humidity, no condensation)

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