ASUS 90SB0A90-M0UAY0 motherboard LGA 1200 (Socket H5) ATX

Brand : ASUS

Product code: 90SB0A90-M0UAY0

Product name : 90SB0A90-M0UAY0

LGA1200, C256, 127GB, PCIe 4.0, ATX

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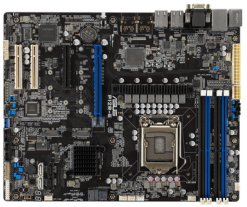
PCIe 4.0 Ready
PCI Express® (PCIe®) 4.0 delivers 16 GT/s bandwidth, which is double the speed of PCIe 3.0, offering lower power consumption, better lane scalability and backwards compatibility. ASUS P12R server motherboards are PCIe 4.0 ready to support a diverse array of graphics, storage and networking – enabling flexible scalability for demanding or increasing workloads.

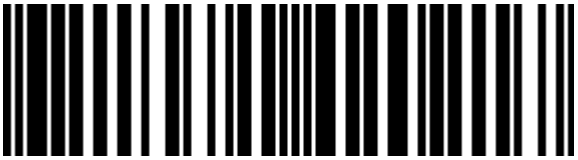


Intel Xeon E-2300 processors
Small businesses require reliability and security to support their critical business and customer data needs. Available with up to eight cores and featuring a TDP of up to 95 watts, Intel Xeon E-2300 processors deliver essential server performance, expandability and reliability small businesses to support critical business and customer data needs.

Processor	
Processor manufacturer *	Intel
Processor socket *	LGA 1200 (Socket H5)
Compatible processor series *	Intel® Xeon®
Memory	
Supported memory types *	DDR4-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
Supported memory clock speeds	2666,2933,3200 MHz
Maximum internal memory *	128 GB
Supported memory module capacities	8GB, 16GB, 32GB
Storage controllers	
Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, SATA III
Number of HDDs supported	8
Number of storage drives supported	10
RAID support	✔
Graphics	
On-board graphics card	✔
On-board graphics card model	Aspeed AST2600
On-board graphics card memory	64 MB
Internal I/O	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1
Number of SATA III connectors *	8
Power fan connector	✔

Internal I/O	
Number of chassis fan connectors	6
Number of COM connectors	1
TPM connector	✔
Rear panel I/O ports	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
PS/2 ports quantity	1
VGA (D-Sub) ports quantity *	1
HDMI ports quantity *	1
Features	
PC health monitoring	CPU, Fan
Component for *	Server
Motherboard form factor *	ATX
Motherboard chipset family *	Intel
Expansion slots	
PCI Express x8 slots	3
PCI Express x16 slots	1
PCI Express x16 (Gen 3.x) slots	1
Number of M.2 (M) slots	2
Operational conditions	
Storage temperature (T-T)	-40 - 70 °C
Operating relative humidity (H-H)	10 - 50%
Storage relative humidity (H-H)	20 - 90%
Logistics data	
Harmonized System (HS) code	84733020

Packaging data	
Package weight	9.5 g
Weight & dimensions	
Width	305 mm
Depth	244 mm



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Publication date: 22-DEC-2024. Prints or copies of Information are only valid on the printed Publication date