

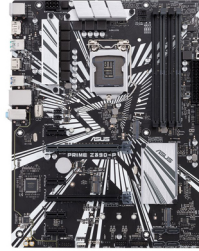
ASUS PRIME Z390-P Intel Z390 LGA 1151 (Socket H4) ATX

Brand : ASUS

Product code: 90MBOXX0-M0EAY0

Product name : PRIME Z390-P

- OptiMem II: Careful routing of traces and vias, plus ground layer optimizations to preserve signal integrity for improved memory overclocking
 - Enhanced power solution: Premium components provide better power efficiency
 - UEFI BIOS: New UEFI options include a search function that allows you to find settings easily
 - Industry-leading cooling options: Comprehensive controls for fans and AIO pump, via Fan Xpert 4 or the acclaimed UEFI
 - Ultrafast connectivity: Dual native M.2 and NVMe PCIe RAID support for lightning-fast storage speeds
 - 5X Protection III: Multiple hardware safeguards for all-round protection
- Intel Z390, 4 x DIMM, Max. 64GB, DDR4, CrossFireX, RTL8111H, USB 3.1, 128Mb BIOS, ATX



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	Microphone in	✓
Processor socket *	LGA 1151 (Socket H4)	Network	
Compatible processor series *	Intel® Celeron®, Intel® Pentium®	Ethernet LAN	✓
Memory		LAN controller	Realtek RTL8111H
Supported memory types *	DDR4-SDRAM	Features	
Number of memory slots *	4	Motherboard chipset *	Intel Z390
Memory slots type	DIMM	Audio output channels *	7.1 channels
Memory channels	Dual-channel	Component for *	PC
ECC compatibility	Non-ECC	Motherboard form factor *	ATX
Supported memory clock speeds	2133,2400,2666,2800,3000,3200,3300,3333,3400,3466,3600,3733,3866,4000,4133,4266 MHz	Motherboard chipset family *	Intel
Maximum internal memory *	64 GB	Windows operating systems supported	Windows 10
Unbuffered memory	✓	Expansion slots	
Storage controllers		PCI Express x1 (Gen 3.x) slots	4
RAID levels	0, 1, 5, 10	PCI Express x16 (Gen 3.x) slots	2
Graphics		Number of M.2 (M) slots	2
Parallel processing technology support *	CrossFireX	BIOS	
Graphics card family	Intel	BIOS type *	UEFI AMI
Graphics card	UHD Graphics	BIOS memory size	16 Mbit
Maximum resolution	4096 x 2160 pixels	ACPI version	6.1
Internal I/O		Clear CMOS jumper	✓
USB 2.0 connectors *	2	Processor special features	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Number of SATA III connectors *	4	Intel Rapid Storage Technology	✓
Front panel audio connector	✓	Intel® Turbo Boost Technology	3.0
ATX Power connector (24-pin)	✓		
Number of EATX power connectors	1		
CPU fan connector	✓		
Number of chassis fan connectors	2		
Number of COM connectors	1		

Rear panel I/O ports		Processor special features	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Intel Extreme Memory Profile (XMP)	✓
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Intel® Quick Sync Video Technology	✓
Ethernet LAN (RJ-45) ports *	1	Intel® Insider™	✓
PS/2 ports quantity	2	Intel® InTru™ 3D Technology	✓
HDMI ports quantity *	1	Intel® Optane™ Memory Ready	✓
DisplayPorts quantity	1	Weight & dimensions	
Headphone outputs	1	Width	305 mm
		Depth	234 mm
		Packaging content	
		Cables included	SATA
		Manual	✓
		Other features	
		Number of M.2 (E) slots	1



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