ASUS ROG MAXIMUS XII EXTREME Intel Z490 LGA 1200 Extended ATX

Brand : ASUS

Product code: 90MB12J0-M0EAY0

Product name : ROG MAXIMUS XII EXTREME

Intel Z490, Socket 1200, 4x DDR4 DIMM, 2.5G LAN, USB 3.2, PS/2, E-ATX, 305x277 mm
ASUS ROG MAXIMUS XII EXTREME. Processor manufacturer: Intel, Processor socket: LGA 1200,
Compatible processor series: Intel® Celeron®, Intel Pentium G. Supported memory types: DDR4-SDRAM,
Maximum internal memory: 128 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2,
SATA. Ethernet interface type: 2.5 Gigabit Ethernet, LAN controller: Aquantia AQC107, Wi-Fi standards:
802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax). Component for:
PC, Motherboard form factor: Extended ATX, Motherboard chipset family: Intel

Processor

Processor manufacturer *	Intel
Processor socket *	LGA 1200
Compatible processor series *	Intel® Celeron®, Intel Pentium G

Memory

Supported memory types *	DDR4-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
Supported memory clock speeds	2133,2400,2666,2800,2933,3000,3200,3333,3400,3466,3600,3733,3866,4000,4133,4266,4400,4500,4600,4700,4800 MHz
Maximum internal memory *	128 GB

Storage controllers

Supported storage drive interfaces *	M.2, SATA

Internal I/O

USB 2.0 connectors *	4
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	4
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	2
Number of SATA connectors	8
Thunderbolt headers	1

Rear panel I/O ports

USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	6
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	2

Rear panel I/O ports

Ethernet LAN (RJ-45) ports *	1
Headphone outputs	5
S/PDIF out port	✓

Network

Ethernet LAN	✓
Ethernet interface type	2.5 Gigabit Ethernet
LAN controller	Aquantia AQC107
Wi-Fi *	✓
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)

Features

Motherboard chipset *	Intel Z490
Audio output channels *	7.1 channels
Component for *	PC
Motherboard form factor *	Extended ATX
Motherboard chipset family *	Intel

Expansion slots

PCI Express x1 (Gen 3.x) slots	2
PCI Express x16 (Gen 3.x) slots	2

BIOS

BIOS type *	UEFI AMI
BIOS memory size	512 Mbit
Clear CMOS button	✓

Logistics data

Harmonized System (HS) code	84733020

Weight & dimensions

Width	305 mm
Depth	277 mm

Packaging content

Cables included	USB

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