ASUS PRIME A620M-E-CSM AMD A620 Socket AM5 micro ATX
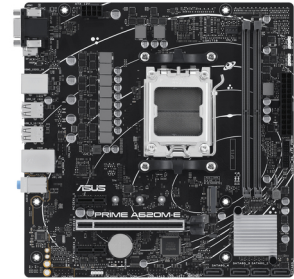
Brand : ASUS

Product name : PRIME A620M-E-CSM

Product code: 90MB1F50-M0EAYC

- AMD AM5 Socket: Ready for AMD Ryzen™ 7000 Series Desktop Processors
- Ultrafast Connectivity: PCIe 4.0, 64Gbps M.2 slot, Realtek 1Gb Ethernet, USB 3.2 Gen 1 Type-A
- Comprehensive Cooling: PCH heatsink, hybrid fan headers and Fan Xpert 2+
- Aura Sync RGB Lighting: Onboard Addressable Gen 2 headers and Aura RGB header for RGB LED strips, easily synced with Aura Sync-capable hardware
- Two-way AI Noise Cancelation: Reduces background noise from the microphone and audio output for crystal-clear communication in games or video conferences
- ASUS Control Center Express: Real-time IT monitoring and management software for enhanced data protection

Prime A620M-E-CSM Mainboard Socket AMD A620 (Ryzen 7000, micro-ATX, DDR5 memory, PCIe 4.0, BIOS Flashback, USB 3.2 Gen 2, Aura Sync)

Processor

Processor manufacturer *	AMD
Processor socket *	Socket AM5
Compatible processor series *	AMD Ryzen 7000 Series
Supported processor sockets	Socket AM5

Memory

Supported memory types *	DDR5-SDRAM
Number of memory slots *	2
Memory slots type	DIMM
Memory channels	Dual-channel
ECC compatibility	Non-ECC
Supported memory clock speeds	4800,5000,5200,5400,5600,5800,6000,6200,6400 MHz
Supported memory clock speed (max)	6400 MHz
Maximum internal memory *	96 GB
Unbuffered memory	✔

Storage controllers

Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, SATA III
Number of HDDs supported	4
Number of storage drives supported	5
RAID support	✔
RAID levels	0, 1, 10

Graphics

Parallel processing technology support *	Not supported

Internal I/O

USB 2.0 connectors *	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1

Rear panel I/O ports

USB 2.0 ports quantity *	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Ethernet LAN (RJ-45) ports *	1
PS/2 ports quantity	1
VGA (D-Sub) ports quantity *	1
HDMI ports quantity *	1
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4
Headphone outputs	1
Line-in	✔
Microphone in	✔

Network

Ethernet LAN	✔
Ethernet interface type	Gigabit Ethernet
Wi-Fi *	✘

Features

Motherboard chipset *	AMD A620
Audio output channels *	7.1 channels
Component for *	PC
Motherboard form factor *	micro ATX
Motherboard chipset family *	AMD
Cooling type	Passive
Power source type	ATX
Windows operating systems supported	Windows 10, Windows 11

Internal I/O

Number of SATA III connectors *	4
S/PDIF out connector	✔
Front panel audio connector	✔
ATX Power connector (24-pin)	✔
CPU fan connector	✔
Number of chassis fan connectors	2
EPS power connector (8-pin)	✔
Number of COM connectors	1
TPM connector	✔
12V power connector	✔
RGB LED pin header	✔

Expansion slots

PCI Express x1 (Gen 3.x) slots	2
PCI Express x16 (Gen 4.x) slots	1
Number of M.2 (M) slots	1

BIOS

BIOS type *	UEFI AMI
BIOS memory size	256 Mbit

Packaging data

Package width	260 mm
Package depth	270 mm
Package height	51.5 mm
Package weight	940 g

Weight & dimensions

Width	226 mm
Depth	221 mm

Packaging content

Cables included	SATA
User guide	✔

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