

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

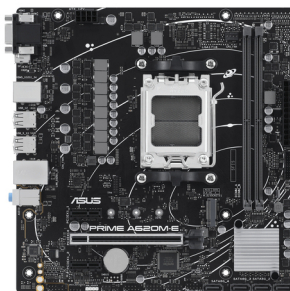
**Brand :** ASUS

**Product code:** 90MB1F50-M0EAYC

**Product name :** PRIME A620M-E-CSM



- 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                                |                                                  | Rear panel I/O ports                              |                        |
|------------------------------------------|--------------------------------------------------|---------------------------------------------------|------------------------|
| Processor manufacturer *                 | AMD                                              | USB 2.0 ports quantity *                          | 4                      |
| Processor socket *                       | Socket AM5                                       | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 4                      |
| Compatible processor series *            | AMD Ryzen 7000 Series                            | Ethernet LAN (RJ-45) ports *                      | 1                      |
| Supported processor sockets              | Socket AM5                                       | PS/2 ports quantity                               | 1                      |
| Memory                                   |                                                  | VGA (D-Sub) ports quantity *                      | 1                      |
| Supported memory types *                 | DDR5-SDRAM                                       | HDMI ports quantity *                             | 1                      |
| Number of memory slots *                 | 2                                                | HDMI version                                      | 2.1                    |
| Memory slots type                        | DIMM                                             | DisplayPorts quantity                             | 1                      |
| Memory channels                          | Dual-channel                                     | DisplayPort version                               | 1.4                    |
| ECC compatibility                        | Non-ECC                                          | Headphone outputs                                 | 1                      |
| Supported memory clock speeds            | 4800,5000,5200,5400,5600,5800,6000,6200,6400 MHz | Line-in                                           | ✓                      |
| Supported memory clock speed (max)       | 6400 MHz                                         | Microphone in                                     | ✓                      |
| Maximum internal memory *                | 96 GB                                            | Network                                           |                        |
| Unbuffered memory                        | ✓                                                | Ethernet LAN                                      | ✓                      |
| Storage controllers                      |                                                  | Ethernet interface type                           | Gigabit Ethernet       |
| Supported storage drive types            | HDD & SSD                                        | Wi-Fi *                                           | ✗                      |
| Supported storage drive interfaces *     | M.2, SATA III                                    | Features                                          |                        |
| Number of HDDs supported                 | 4                                                | Motherboard chipset *                             | AMD A620               |
| Number of storage drives supported       | 5                                                | Audio output channels *                           | 7.1 channels           |
| RAID support                             | ✓                                                | Component for *                                   | PC                     |
| RAID levels                              | 0, 1, 10                                         | Motherboard form factor *                         | micro ATX              |
| Graphics                                 |                                                  | Motherboard chipset family *                      | AMD                    |
| Parallel processing technology support * | Not supported                                    | Cooling type                                      | Passive                |
| Internal I/O                             |                                                  | Power source type                                 | ATX                    |
| USB 2.0 connectors *                     | 2                                                | Windows operating systems supported               | Windows 10, Windows 11 |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors *   | 1                                                | Expansion slots                                   |                        |
| Number of SATA III connectors *          | 4                                                | PCI Express x1 (Gen 3.x) slots                    | 2                      |
| S/PDIF out connector                     | ✓                                                | PCI Express x16 (Gen 4.x) slots                   | 1                      |
| Front panel audio connector              | ✓                                                | Number of M.2 (M) slots                           | 1                      |

| Internal I/O                     |   | BIOS                |          |
|----------------------------------|---|---------------------|----------|
| ATX Power connector (24-pin)     | ✓ | BIOS type *         | UEFI AMI |
| CPU fan connector                | ✓ | BIOS memory size    | 256 Mbit |
| Number of chassis fan connectors | 2 | Packaging data      |          |
| EPS power connector (8-pin)      | ✓ | Package width       | 260 mm   |
| Number of COM connectors         | 1 | Package depth       | 270 mm   |
| TPM connector                    | ✓ | Package height      | 51.5 mm  |
| 12V power connector              | ✓ | Package weight      | 940 g    |
| RGB LED pin header               | ✓ | Weight & dimensions |          |
|                                  |   | Width               | 226 mm   |
|                                  |   | Depth               | 221 mm   |
|                                  |   | Packaging content   |          |
|                                  |   | Cables included     | SATA     |
|                                  |   | User guide          | ✓        |



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### **Catalog Object Cloud**



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