

## ASUS PRIME A620AM-A-CSM AMD A620A Socket AM5 micro ATX

**Brand :** ASUS

**Product code:** 90MB1MY0-M0EAYC

**Product name :** PRIME A620AM-A-CSM

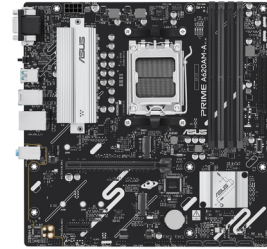
AMD Socket AM5, AMD A620A Chipset

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### A620AM-A-CSM

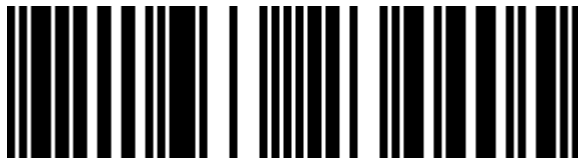
ASUS Prime series motherboards are expertly engineered to unleash the full potential of AMD Ryzen™ 9000 series processors. The PRIME A620AM-A-CSM motherboard provides users and PC DIY builders with a range of performance optimizations via intuitive software and firmware features. It's designed to be Advanced AI PC-ready, offering the power and connectivity needed for demanding AI applications.

ASUS PRIME A620AM-A-CSM. Processor manufacturer: AMD, Processor socket: Socket AM5, Compatible processor series: AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series. Supported memory types: DDR5-SDRAM, Maximum internal memory: 256 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 5, 10. Ethernet interface type: Gigabit Ethernet. Component for: PC, Motherboard form factor: micro ATX, Motherboard chipset family: AMD



| Processor                                |                                                                     | Rear panel I/O ports                              |                            |
|------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------|----------------------------|
| Processor manufacturer *                 | AMD                                                                 | USB 2.0 ports quantity *                          | 4                          |
| Processor socket *                       | Socket AM5                                                          | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 2                          |
| Compatible processor series *            | AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 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 *                 | 4                                                                   | DisplayPorts quantity                             | 1                          |
| Memory slots type                        | DIMM                                                                | Network                                           |                            |
| Memory channels                          | Dual-channel                                                        | Ethernet LAN                                      | ✓                          |
| ECC compatibility                        | ECC & Non-ECC                                                       | Ethernet interface type                           | Gigabit Ethernet           |
| Maximum internal memory *                | 256 GB                                                              | Wi-Fi *                                           | ✗                          |
| Unbuffered memory                        | ✓                                                                   | Features                                          |                            |
| Storage controllers                      |                                                                     | Motherboard chipset *                             | AMD A620A                  |
| Supported storage drive types            | HDD & SSD                                                           | Audio output channels *                           | 7.1 channels               |
| Supported storage drive interfaces *     | M.2, SATA III                                                       | Component for *                                   | PC                         |
| Number of HDDs supported                 | 4                                                                   | Motherboard form factor *                         | micro ATX                  |
| Number of storage drives supported       | 6                                                                   | Motherboard chipset family *                      | AMD                        |
| RAID support                             | ✓                                                                   | Windows operating systems supported               | Windows 10 x64, Windows 11 |
| RAID levels                              | 0, 1, 5, 10                                                         | Expansion slots                                   |                            |
| Graphics                                 |                                                                     | PCI Express x1 (Gen 3.x) slots                    | 1                          |
| Parallel processing technology support * | Not supported                                                       | PCI Express x16 (Gen 4.x) slots                   | 1                          |
| Internal I/O                             |                                                                     | Number of M.2 (M) slots                           | 2                          |
| USB 2.0 connectors *                     | 2                                                                   | 1st M.2 largest key size                          | 2280                       |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors *   | 2                                                                   | 1st M.2 highest PCI Express generation            | 4.0                        |
|                                          |                                                                     | 2nd M.2 largest key size                          | 2280                       |

| Internal I/O                     |   | Expansion slots                        |          |
|----------------------------------|---|----------------------------------------|----------|
| Number of SATA III connectors *  | 4 | 2nd M.2 highest PCI Express generation | 4.0      |
| S/PDIF out connector             | ✓ | BIOS                                   |          |
| Front panel audio connector      | ✓ | BIOS type *                            | UEFI AMI |
| Front panel connector            | ✓ | BIOS memory size                       | 256 Mbit |
| ATX Power connector (24-pin)     | ✓ | Packaging data                         |          |
| CPU fan connector                | ✓ | Package width                          | 275 mm   |
| Number of CPU fan connectors     | 1 | Package depth                          | 275 mm   |
| Number of chassis fan connectors | 2 | Package height                         | 67.5 mm  |
| EPS power connector (8-pin)      | ✓ | Package weight                         | 1.1 kg   |
| Number of COM connectors         | 1 | Weight & dimensions                    |          |
| TPM connector                    | ✓ | Width                                  | 244 mm   |
| 12V power connector              | ✓ | Depth                                  | 244 mm   |
| RGB LED pin header               | ✓ | Packaging content                      |          |
| Number of RGB LED pin headers    | 3 | Cables included                        | SATA     |
|                                  |   | Screws included                        | ✓        |



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### Catalog Object Cloud



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