

## ASUS MB PRIME A320M-K AMD A320 Socket AM4 micro ATX

**Brand :** ASUS

**Product code:** 90MB0TV0-M0EAY0

**Product name :** MB PRIME A320M-K

- 5X Protection III: Multiple hardware safeguards for all-round protection
- LED illumination: Lighting control for audio trace paths
- Native M.2: Lightning-fast storage speeds
- One-stop controls: Media-acclaimed UEFI BIOS with EZ Flash 3

AMD AM4 Socket, A320, mATX, DDR4 3200MHz, 32Gb/s M.2, HDMI, SATA 6Gb/s, USB 3.0

ASUS MB PRIME A320M-K. Processor manufacturer: AMD, Processor socket: Socket AM4, Compatible processor series: AMD A, AMD Athlon, AMD Athlon™ X4, AMD Ryzen 2000 Series, AMD Ryzen 3000 Series. Supported memory types: DDR4-SDRAM, Maximum internal memory: 32 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, PCI Express 3.0, SATA. Maximum graphics card memory: 2048 MB, Graphics card family: AMD. HDMI version: 1.4b



| Processor   |   | Rear panel I/O ports                              |  |
|---|---|---|--|
| Processor manufacturer *  | AMD   | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 4  |
| Processor socket *  | Socket AM4  | Ethernet LAN (RJ-45) ports *                      | 1  |
| Compatible processor series *                                   | AMD A, AMD Athlon, AMD Athlon™ X4, AMD Ryzen 2000 Series, AMD Ryzen 3000 Series | PS/2 ports quantity                               | 2  |
|   |   | VGA (D-Sub) ports quantity *                      | 1  |
| Memory  |   | HDMI ports quantity *                             | 1  |
| Supported memory types *  | DDR4-SDRAM  | HDMI version                                      | 1.4b   |
| Number of memory slots *  | 2   | S/PDIF out port                                   | ✓  |
| Memory slots type   | DIMM  | COM ports quantity                                | 1  |
| Memory channels   | Dual-channel  | Network   |  |
| ECC compatibility   | ECC & Non-ECC   | Ethernet LAN                                      | ✓  |
| Supported memory clock speeds                                   | 2133,2400,2666,2933,3200 MHz  | Ethernet interface type                           | Gigabit Ethernet   |
| Maximum internal memory *                                       | 32 GB   | LAN controller                                    | Realtek RTL8111H   |
| Storage controllers   |   | Features  |  |
| Supported storage drive interfaces * M.2, PCI Express 3.0, SATA |   | Motherboard chipset *                             | AMD A320   |
| Graphics  |   | Audio output channels *                           | 7.1 channels   |
| Maximum graphics card memory                                    | 2048 MB   | Component for *                                   | PC   |
| Graphics card family  | AMD   | Motherboard form factor *                         | micro ATX  |
| Internal I/O  |   | Motherboard chipset family *                      | AMD  |
| USB 2.0 connectors *  | 2   | Power source type                                 | ATX  |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors *                          | 1   | Windows operating systems supported               | Windows 10 Education x64, Windows 10 Enterprise x64, Windows 10 Home x64, Windows 10 Pro x64 |
| Number of SATA connectors                                       | 4   |   |  |
| S/PDIF out connector  | ✓   | Expansion slots                                   |  |
| Audio connector   | ✓   | PCI Express x1 (Gen 2.x) slots                    | 2  |
| Front panel audio connector                                     | ✓   | PCI Express x16 slots                             | 1  |
| ATX Power connector (24-pin)                                    | ✓   |   |  |

| Internal I/O                                |   | BIOS                        |          |
|---|---|-----------------------------|----------|
| Number of EATX power connectors             | 1 | BIOS type *                 | UEFI AMI |
| CPU fan connector                           | ✓ | BIOS memory size            | 128 Mbit |
| Number of chassis fan connectors            | 1 | Clear CMOS jumper           | ✓        |
| Peripheral (Molex) power connectors (4-pin) | 1 | Logistics data              |          |
| Rear panel I/O ports                        |   | Harmonized System (HS) code | 84733020 |
| USB 2.0 ports quantity *                    | 2 | Weight & dimensions         |          |
|   |   | Width                       | 226 mm   |
|   |   | Depth                       | 221 mm   |
|   |   | Height                      | 247 mm   |
|   |   | Other features              |          |
|   |   | Weight                      | 800 g    |



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