ASUS PRIME B760M-K Intel B760 LGA 1700 micro ATX

Brand: ASUS Product code: 90MB1FI0-M0EAY0

Product name: PRIME B760M-K

- Intel® LGA 1700 Socket: Ready for 13th and 12th Gen Intel® processors
- Ultrafast Connectivity: PCle 4.0, two PCle 4.0 M.2 slots, Realtek 2.5Gb Ethernet and front USB 3.2 Gen 1 support
- Comprehensive Cooling: VRM heatsink, 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

Prime B760M-K, an Intel B760 LGA 1700 mATX motherboard with PCle 4.0, two PCle 4.0 M.2 slots, DDR5, Realtek 2.5Gb Ethernet, VGA, HDMI, SATA 6 Gbps, front USB 3.2 Gen 1, Aura Sync





| Processor manufacturer * Intel LGA 1700 | | | | | |
|--|--|---------------------------|--|---|----------------------------|
| Processor socket * LGA 1700 TPM connector Very connec | Processor | | | Internal I/O | |
| Intel® Celeron®, Intel® Pentium® Gold, Intel® Core™ i3, Intel® Core™ interface is intel® Core™ interface interface is intel® Core™ intel® Co | Processor manufacturer * | | Intel | Number of COM connectors | 1 |
| Gold, Intel® Core™ i3, Intel® Core™ i7, Intel® Core™ i7, Intel® Core™ i9 Maximum number of SMP processors sockets | Processor socket * | | LGA 1700 | TPM connector | ✓ |
| Core™ i5, Intel® Core™ i7, Intel® Core™ i7, Intel® Core™ i9 Rear panel I/O ports Core™ i9 Rear panel I/O ports | | | Gold, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® | 12V power connector | 1 |
| Rear panel I/O ports Supported processors | Compatible processor series * | | | RGB LED pin header | ✓ |
| Supported processors Supported processors sockets LGA 1700 USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * Ethernet LAN (R)-45) ports quantity * 1 WGA (D-Sub) ports quantity * 1 WHOM ports quantity * 1 WHOM ports quantity * 1 Weather we | | | | Rear panel I/O ports | |
| Supported processor sockets LGA 1700 ports quantity | Maximum number of SMP | | 1 | USB 2.0 ports quantity * | 2 |
| Hemory Hemory | • | or sockets | LGA 1700 | | 4 |
| DIRPS STREAM DIRP | | or sockets | LGA 1700 | ' ' ' | · |
| Memory stots type Memory stots type Memory channels Dubble Memory channels Dubble Memory channels Memory | Supported memory types * | | | | |
| Moneton Mone | Number of memory slots * Memory slots type | | | | |
| ### Body Processing technology support * ### Body Processing technology | Memory channels Non-FCC | | | | 1 |
| Makebamam internal memory 9 6 GB 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 6 RAID support | Supported memory clock speeds | 8000,7800,7600,7400,7200, | ,7000,6800,6600,6400,6200,6000,5800,5600,5400,5200,5000,4800 | | 1 |
| Network Storage controllers Supported storage drive types HDD & SSD Supported storage drive interfaces * M.2, SATA III Number of HDDs supported | Supported memory clock speed (max) | 8000 MHz | | S/PDIF out port | 4 |
| Supported storage drive types HDD & SSD Supported storage drive interfaces* M.2, SATA III Number of HDDs supported 4 Number of storage drives supported 6 RAID support | Maximum internal memory * Unbuffered memory | | | Network | |
| Supported storage drive types Supported storage drive interfaces * M.2, SATA III Number of HDDs supported Number of storage drives supported RAID support RAID support RAID support RAID support RAID support RAID levels O, 1, 5, 10 Component for * PC Motherboard chipset family * Intel Motherboard chipset family * Intel Windows operating systems supported Windows 10 x64, Windows 11 Windows 11 Supported | Storage controllers | | | | · · |
| Supported storage drive interfaces * M.2, SATA III Number of HDDs supported 4 Number of storage drives supported 6 RAID support ✓ Audio output channels * 7.1 channels RAID levels 0, 1, 5, 10 Component for * PC Graphics Parallel processing technology support * Internal I/O USB 2.0 connectors * 2 USB 3.2 Gen 1 (3.1 Gen 1) connectors * 4 Number of SATA III connectors * 4 S/PDIF out connector S/PDIF out c | Supported storage drive types | | HDD & SSD | • | • |
| Number of storage drives supported Number of storage drives supported RAID support RAID levels O, 1, 5, 10 Component for * PC Graphics Parallel processing technology support * Not supported Not supported Not supported Not supported Windows operating systems supported Windows operating systems Supported Expansion slots PCI Express x1 (Gen 4.x) slots 2 USB 3.2 Gen 1 (3.1 Gen 1) connectors * Number of SATA III connectors * Number of SATA III connectors * S/PDIF out connector SERVICE SATA III connectors * Number of M.2 (M) slots PCI Express x16 (Gen 4.x) slots 2 BIOS | Supported storage drive interfaces * M.2, SATA III | | M.2, SATA III | Wi-Fi * | × |
| RAID support RAID levels O, 1, 5, 10 Component for * PC Graphics Parallel processing technology support * Internal I/O USB 2.0 connectors * USB 3.2 Gen 1 (3.1 Gen 1) connectors * Number of SATA III connectors * S/PDIF out connector S/PDIF out connector Audio output channels * 7.1 channels PC Motherboard form factor * Micro ATX Motherboard chipset family * Intel Windows operating systems supported Windows 10 x64, Windows 11 Expansion slots PCI Express x1 (Gen 4.x) slots 2 PCI Express x16 (Gen 4.x) slots 1 Number of M.2 (M) slots 2 BIOS | Number of HDDs supported | | 4 | Features | |
| RAID levels 0, 1, 5, 10 Component for * PC Graphics Motherboard form factor * micro ATX Motherboard chipset family * Intel Windows operating systems supported Windows 10 x64, Windows 11 Internal I/O Expansion slots USB 2.0 connectors * 2 USB 3.2 Gen 1 (3.1 Gen 1) connectors * 1 Number of SATA III connectors * 4 S/PDIF out connector S/PDIF out connector S/PDIF out connector Motherboard form factor * Motherboard chipset family * Intel Windows operating systems supported Windows 10 x64, Windows 11 Expansion slots PCI Express x1 (Gen 4.x) slots 2 PCI Express x16 (Gen 4.x) slots 1 Number of M.2 (M) slots 2 BIOS | Number of storage | drives supported | 6 | Motherboard chipset * | Intel B760 |
| Motherboard form factor * micro ATX Motherboard chipset family * Intel Windows operating systems supported Windows 10 x64, Windows 11 Expansion slots USB 2.0 connectors * 2 USB 3.2 Gen 1 (3.1 Gen 1) connectors * 1 Number of SATA III connectors * 4 S/PDIF out connector S/PDIF out connector Motherboard form factor * micro ATX Motherboard chipset family * Intel Windows 10 x64, Windows 11 Expansion slots PCI Express x1 (Gen 4.x) slots 2 PCI Express x16 (Gen 4.x) slots 1 Number of M.2 (M) slots 2 BIOS | RAID support | | ✓ | Audio output channels * | 7.1 channels |
| Parallel processing technology support * Not supported Windows operating systems supported Windows operating systems Supported Windows 10 x64, Windows 11 Expansion slots USB 2.0 connectors * USB 3.2 Gen 1 (3.1 Gen 1) Connectors * Indexidual connectors * Indexidual connectors * Indexidual connectors * PCI Express x1 (Gen 4.x) slots | RAID levels | | 0, 1, 5, 10 | Component for * | PC |
| Windows operating systems supported Windows 10 x64, Windows 11 Internal I/O USB 2.0 connectors * 2 USB 3.2 Gen 1 (3.1 Gen 1) 1 connectors * 1 Number of SATA III connectors * 4 S/PDIF out connector | Graphics | | | | |
| Internal I/O USB 2.0 connectors * 2 USB 3.2 Gen 1 (3.1 Gen 1) 1 PCI Express x1 (Gen 4.x) slots 2 PCI Express x16 (Gen 4.x) slots 1 Number of SATA III connectors * 4 S/PDIF out connector | Parallel processing technology support * | | Not supported | · · | |
| USB 2.0 connectors * 2 USB 3.2 Gen 1 (3.1 Gen 1) 1 PCI Express x1 (Gen 4.x) slots 2 Number of SATA III connectors * 4 Number of M.2 (M) slots 2 S/PDIF out connector | | | | , , , | Windows 10 x64, Windows 11 |
| USB 2.0 connectors * 2 USB 3.2 Gen 1 (3.1 Gen 1) connectors * 1 Number of SATA III connectors * 4 S/PDIF out connector S/PDIF out connector BIOS | Internal I/O | | | Expansion slots | |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors * Number of SATA III connectors * S/PDIF out connector BIOS | USB 2.0 connectors * | | 2 | • | 2 |
| Number of SATA III connectors * 4 S/PDIF out connector BIOS Front panel pudio connector | USB 3.2 Gen 1 (3.1 Gen 1) | | 1 | | |
| S/PDIF out connector BIOS | Number of SATA III connectors * | | 4 | • | |
| Front named audio connector | S/PDIF out connector | | ✓ | BIOS | |
| | Front panel audio c | onnector | ✓ | BIOS type * | UEFI AMI |

| Internal I/O | | BIOS | |
|---|----------|---------------------|----------|
| ATX Power connector (24-pin) | 1 | BIOS memory size | 128 Mbit |
| CPU fan connector | √ | Packaging data | |
| Number of chassis fan connectors EPS power connector (8-pin) | 1 | Package width | 270 mm |
| | * | Package depth | 263 mm |
| | | Package height | 51.5 mm |
| | | Package weight | 1.01 kg |
| | | Weight & dimensions | |
| | | Width | 244 mm |
| | | Depth | 211 mm |
| | | Packaging content | |
| | | Cables included | SATA |



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