## ASUS PRIME B760M-A D4-CSM Intel B760 LGA 1700 micro ATX

Brand : ASUS

Product code: 90MB1D00-M0EAYC

Product name : PRIME B760M-A D4-CSM

- Intel® LGA 1700 Socket: Ready for 13th and 12th Gen Intel® processors

- Ultrafast Connectivity: PCIe 4.0, two M.2 slots, Realtek 2.5Gb Ethernet, rear USB 3.2 Gen 2, front USB 3.2 Gen 1 Type-C $\circledast$ 

- Comprehensive Cooling: VRM heatsink, M.2 heatsink, PCH heatsink, hybrid fan headers and Fan Xpert 2+

- ASUS OptiMem II: Careful routing of traces and vias, plus ground layer optimizations to preserve signal integrity for improved memory overclocking

- Aura Sync RGB Lighting: Onboard Addressable Gen 2 headers and Aura RGB header for RGB LED strips, easily synced with Aura Sync-capable hardware

- ASUS Control Center Express: Real-time IT monitoring and management software for enhanced data protection

Intel® B760 (LGA 1700) mATX motherboard, PCIe 4.0, two M.2 slots, Realtek 2.5Gb Ethernet, DisplayPort, Dual HDMI®, SATA 6 Gbps, rear USB 3.2 Gen 2, front USB 3.2 Gen 1 Type-C®, Aura Sync





Processor manufacturer*IntelNumber of COM connectors1Processor socket *LGA 1700TPM connector~Compatible processor series *Intel® Celeron®, Intel® Pentium® Core™ i5, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i5, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i5, Intel® Core™ i3, Intel® Core™ i5, Intel® <b< th=""></b<>
Compatible processor series *Intel® Celeron®, Intel® Pentium Gold, Intel® Core ™ i3, Intel® Core ™ i5, Intel® Core ™ i7, Intel® Core ™ i912V power connector✓Supported processor socketsLGA 1700Rear panel I/O portsSupported memory stors * Winner of memory stors * Core many stors * Disported memory stors * Miner of tames *DBK450RAM A DISB 2.0 ports quantity *4Supported memory stors * Supported memory stors * Miner of tames *DBK450RAM A Core **USB 2.0 ports quantity *4Supported memory stors * Miner of tames *DBK450RAM A A Disported memory stors *1Supported memory stors * Miner of tames *DBK450RAM A A Disported memory stors *1Supported memory stors * Miner *DBK450RAM A A Disported memory stors *1Supported memory stors * Miner *2133240026662800.2933.3003.3733.4003.466,6600.3733.4000.4266,4400.4600.4600.5005.56633731Supported memory dock speed Miner *213324002666.2800.2933.3003.3733.4003.466,6600.3733.4000.4266,4400.4600.4600.5005.56633731Supported memory dock speed Miner *213324002666.2800.2933.3003.37466.3600.3733.4000.4266,4400.4600.4600.5005.56633731Supported memory dock speed Miner *213324002666.2800.2933.3003.37466.3600.3733.4000.4266,4400.4600.4600.5005.5663781Supported memory dock speed Miner *213324002666.2800.2933.3003.37466.3600.3733.4000.4266,4400.4600.4600.5600.5663781Supported memory dock speed Miner *213324002666.2800.2933.3003.2700.3733.4000.4266,4400.4600.4600.5600.5663781Suppo
Compatible processor series *     Gold, Intel® Core <sup>™</sup> i3, Intel® Core <sup>™</sup> i5, Intel® Core <sup>™</sup> i7, Intel® Core <sup>™</sup> i9     RGB LED pin header     *       Supported processor sockets     LGA 1700     Rear panel I/O ports     *       Supported memory types Supported memory slots * Memory channel     DDR+SDRAM Supported memory slots * Memory slots * Supported memory slots * Memory channel     USB 2.0 ports quantity * USB 2.0 ports quantity * Supported memory slots * Memory channel     4       Supported memory biss * Memory channel ECC compatibility     DDR+SDRAM Memory channel Supported memory slots * Memory channel     1       Supported memory biss * Memory channel ECC compatibility     Sigs 2 Gen 2 (3.1 Gen 2) Type-A ports quantity * PS/2 ports quantity * Monter demander Sigs 2 Gen 2 (3.1 Gen 2) Type-A ports quantity * Memory channel     1       Supported memory clock speed Memory channel ECC compatibility     Sigs 2 Gen 2 (3.1 Gen 2) Type-A ports quantity * Monter demander PS/2 ports quantity * Monter demander Sigs 2 Gen 2 (3.1 Gen 2) Type-A ports quantity * Monter demander PS/2 ports quantity * Monter demander Sigs 2 Gen 2 (3.1 Gen 2) Type-A ports quantity * Monter demander Sigs 2 Gen 2 (3.1 Gen 2) Type-A ports quantity * Monter demander Sigs 2 Gen 2 (3.1 Gen 2) Type-A ports quantity * Monter demander Sigs 2 Gen 2 (3.1 Gen 2) Type-A ports quantity * Monter demander Sigs 2 Gen 2 (3.1 Gen 2) Type-A ports quantity * Monter demander Sigs 2 Gen 2 (3.1 Gen 2) Type-A ports quantity * Monter demander Sigs 2 Gen 2 (3.1 Gen 2) Type-A ports quantity * Monter demander Sigs 2 Gen 2 (3.1 Gen 2) Type-A ports quantity * Monter demander Sigs 2 Gen 2 (3.1 Gen 2) Type-A ports quantity * Monter demander Sigs 2 Gen 2 (3.1 Gen 2) Type-A ports quantity * Monter demander Sigs 2 Gen 2 (3.1
Compatible processor series       Core ™ i5, Intel® Core ™ i7, Intel®       RGB LED pin header          Supported processor sockets       LGA 1700       Rear panel I/O ports          Supported memory types*       DDR4-5DRAM       USB 2.0 ports quantity *       4         Number of memory types*       DDR4-5DRAM       USB 3.2 Gen 2 (3.1 Gen 2) Type-A       2         Supported memory types*       DDR4-5DRAM       USB 3.2 Gen 2 (3.1 Gen 2) Type-A       2         Supported memory types       DIMM       ports quantity *       1         Memory dock spee       Supported memory clock speed       Supported memory clock speed       1         Supported memory clock speed       Supported memory clock speed       Supported memory clock speed       1         Supported memory clock speed       Supported memory clock speed       Supported memory clock speed       1         Supported memory clock speed       Supported memory clock speed       Supported memory clock speed       1         Supported memory clock speed       Supported memory clock speed       Supported memory clock speed       1         Supported memory clock speed       Supported memory clock speed       Supported memory clock speed       2         Supported memory clock speed       Supported memory clock speed       Supported memory clock speed       2
Rear panel I/O ports       Supported processor sockets     LGA 1700       Memory     USB 2.0 ports quantity *     4       Supported memory types*     DDR4-SDRAM     USB 3.2 Gen 2 (3.1 Gen 2) Type-A     2       Memory slots * 4     DUM4     ports quantity *     0       Memory slots * 4     DUM4     DUM4     ports quantity *     1       Memory slots * 4     The ports quantity *     1     1       Supported memory slots * 4     S333 MHz     PS/2 ports quantity *     1       Supported memory clock speed     S333 MHz     PS/2 ports quantity *     1       Supported memory clock speed     S333 MHz     HZ     HDMI ports quantity *     2       Maximum intensive *     S333 MHz     HZ     HDMI version     2.1       Supported storage drive types *     HDD & SSD     DisplayPort version     1
Memory     USB 2.0 ports quantity*     4       Supported memory types*     DDR-SDRAM     USB 3.2 Gen 2 (3.1 Gen 2) Type-A     2       Mumber of memory types *     DIMM     ports quantity *     2       Memory dots types     DIMM     ports quantity *     1       Memory dots spect     Signapreted memory (code spect     Signapreted memory (code spect     1       Supported memory (code spect     Signapreted memory (code spect     Signapreted memory (code spect     1       Maximum Internal memory     Signapreted memory (code spect     Signapreted memory (code spect     1       Maximum Internal memory     Signapreted memory (code spect     Signapreted memory (code spect     1       Maximum Internal memory     Signapreted memory (code spect     Signapreted memory (code spect     1       Supported memory (code spect     Signapreted memory (code spect     1     1       Maximum Internal memory     Signapreted memory (code spect     1     1       Maximum Internal memory     Signapreted memory     Signapreted memory (code spect     1       Maximum Internal memory     Signapreted memory     Signapreted memory     1       Maximum Internal memory     Signapreted memory     Signapreted memory     1       Maximum Internal memory     Signapreted memory     Signapreted memory     1
Numer of memory slots * 4     058 5.2 Gen 2 (5.1 Gen 2) Type-A     2       Memory slots type     DMM     ports quantity *     2       Memory slots type     DMA     ports quantity *     1       Supported memory clock speet     2     2     2       Supported memory clock speet     2     2     2       Supported memory clock speet     2     2     2       Marium interval memory clock speet     2     2     2       Unbuffered memory     2     4     4     4       Virus     2     4     4     4     4       Supported memory     2     4     4     4     4       Marium interval memory     2     4     4     5     4       Marium interval memory     2     4     4     4     4       Marium interval memory     2     4     4     5     4       Marium interval memory     2     5     5
ECC compatibility     ND=CC     Ethernet LAN (RJ-45) ports *     1       Supported memory clock speed     2133 2400.2666.2800.2933.3000.3333.3400.3466.3600.3733.4000.4666.4800.5000.5666.2800.2933.3400.3466.3600.3733.4000.4666.4800.5000.5666.2800.2933.3400.3466.3600.3733.4000.4666.4800.5000.5666.2800.2933.3400.3466.3600.3733.4000.4666.4800.5000.5666.2800.2933.3400.3466.3600.3733.4000.4666.4800.5000.5666.2800.2933.3400.3466.3600.3733.4000.4666.4800.5600.5666.2800.2933.3400.3466.3600.3733.400.3466.3600.3734.400.3466.3460.3466.3460.3466.3466.346
Supported memory     MHz     PS/2 ports quantity     1       Supported memory     5333 MHz     HDMI ports quantity *     2       Maximum internance     128 GB     HDMI version     2.1       Storage controllers     HDD & SSD     DisplayPorts quantity     1
(max)     J333 Mr2     HDMI ports quantity*     2       Maximum internal memory     128 GB     HDMI version     2.1       Storage controllers     DisplayPorts quantity     1       Supported storage drive types     HDD & SSD     DisplayPort version     1.4
Storage controllers     HDD & SSD     DisplayPorts quantity     1.4
Supported storage drive types     HDD & SSD     DisplayPort version     1.4
Supported storage drive interfaces * M.2, SATA III Headphone outputs 3
Number of storage drives supported 6 Microphone in 🗸
RAID support    Network
RAID levels 0, 1, 5, 10
Graphics     Ethernet interface type     2.5 Gigabit Ethernet
Parallel processing technology Not supported Wi-Fi * × ×
Internal I/O Features
USB 2.0 connectors * 2 Motherboard chipset * Intel B760
Audio output channels * 7.1 channels
USB 3.2 Gen 1 (3.1 Gen 1) connectors * PC
Number of SATA III connectors * 4 Motherboard form factor * micro ATX
S/PDIF out connector   Motherboard chipset family * Intel

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## Internal I/O

Front panel audio connector	1
ATX Power connector (24-pin)	1
CPU fan connector	1
Number of chassis fan connectors	2
EPS power connector (8-pin)	1

Features	
Windows operating systems supported	Windows 10 x64, Windows 11
Expansion slots	
PCI Express x1 (Gen 3.x) slots PCI Express x16 (Gen 4.x) slots Number of M.2 (M) slots	1 3 2
BIOS	
BIOS type * BIOS memory size	UEFI AMI 256 Mbit
Weight & dimensions	
Width Depth	244 mm 244 mm
Packaging content	
Cables included	SATA



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