



MB ASUS PRIME A320M-K LGA AM4 A320 AMD 2XDDR4DC VGA 1PCIE3.0

Description

CPU

AMD AM4 Socket for AMD Ryzen™/7th Generation A-series/Athlon™ Processors

Supports CPU up to 8 cores

* Refer to www.asus.com for CPU support list

Chipset

AMD A320

Memory

AMD Ryzen™ Processors

2 x DIMM, Max. 32GB, DDR4 3200(O.C.)/2933(O.C.)/2666/2400/2133 MHz ECC and non-ECC, Un-buffered Memory

AMD 7th Generation A-series/Athlon™ Processors

2 x DIMM, Max. 32GB, DDR4 2400/2133 MHz Non-ECC, Un-buffered Memory

Dual Channel Memory Architecture

* Hyper DIMM support is subject to the physical characteristics of individual CPUs.

* Refer to www.asus.com for the Memory QVL (Qualified Vendors Lists).

Graphic

Integrated AMD Radeon™ R Series Graphics in the 7th Generation A-Series APU *1

Multi-VGA output support : HDMI/RGB ports

– Supports HDMI 1.4b with max. resolution 4096 x 2160 @ 24 Hz / 2560 x 1600 @ 60 Hz

– Supports RGB with max. resolution 1920 x 1200 @ 60 Hz

Maximum shared memory of 2048 MB

Expansion Slots

AMD Ryzen™ Processors

1 x PCIe 3.0/2.0 x16 (x16 mode)

AMD 7th Generation A-series/Athlon™ Processors

1 x PCIe 3.0/2.0 x16 (x8 mode)

AMD A320 chipset

2 x PCIe 2.0 x1

Storage

AMD A320 chipset :

4 x SATA 6Gb/s port(s), gray,

Support Raid 0, 1, 10

AMD Ryzen™ Processors :

1 x M.2 Socket 3, with M key, type 2242/2260/2280 storage devices support (SATA & PCIE 3.0 x 4 mode)
AMD 7th Generation A-series/Athlon™ Processors :
1 x M.2 Socket 3, with M key, type 2242/2260/2280 storage devices support (SATA mode)

LAN

Realtek® RTL8111H, 1 x Gigabit LAN Controller(s)

Audio

Realtek® ALC887 8-Channel High Definition Audio CODEC

USB Ports

AMD Ryzen™/7th Generation A-series/Athlon™ Processors :

4 x USB 3.0 port(s) (4 at back panel, blue)

AMD A320 chipset :

2 x USB 3.0 port(s) (2 at mid-board)

AMD A320 chipset :

6 x USB 2.0 port(s) (2 at back panel, , 4 at mid-board)

Special Features

ASUS 5X Protection III :

- ASUS SafeSlot Core: Fortified PCIe Slot prevents damage
- ASUS LANGuard: Protects against LAN surges, lightning strikes and static-electricity discharges!
- ASUS Overvoltage Protection: World-class circuit-protecting power design
- ASUS Stainless-Steel Back I/O: 3X corrosion-resistance for greater durability!
- ASUS DIGI+ VRM: 6 Phase digital power design

ASUS Exclusive Features :

– AI Suite 3

– Ai Charger

ASUS Quiet Thermal Solution :

– Stylish Fanless Design Heat-sink solution

– ASUS Fan Xpert

ASUS EZ DIY :

– ASUS CrashFree BIOS 3

– ASUS EZ Flash 3

– ASUS UEFI BIOS EZ Mode

– Multi-language BIOS

ASUS Q-Design :

– ASUS Q-Slot

– ASUS Q-DIMM

Operating System Support

Windows® 10 , 64bit

Back I/O Ports

1 x PS/2 keyboard (purple)

1 x PS/2 mouse (green)

1 x D-Sub

1 x HDMI

1 x LAN (RJ45) port(s)

4 x USB 3.0 (blue)

2 x USB 2.0

3 x Audio jack(s)

Internal I/O Ports

1 x USB 3.0 connector(s) support(s) additional 2 USB 3.0 port(s) (19-pin)

2 x USB 2.0 connector(s) support(s) additional 4 USB 2.0 port(s)

1 x M.2 Socket 3 with M key, type 2242/2260/2280 storage devices support (SATA & PCIE 3.0 x 4 mode)

1 x COM port(s) connector(s)
4 x SATA 6Gb/s connector(s)
1 x CPU Fan connector(s) (1 x 4 -pin)
1 x Chassis Fan connector(s) (1 x 4 -pin)
1 x S/PDIF out header(s)
1 x 24-pin EATX Power connector(s)
1 x 4-pin ATX 12V Power connector(s)
1 x Front panel audio connector(s) (AAFP)
1 x System panel(s)
1 x Clear CMOS jumper(s)
1 x Speaker connector

Accessories

User's manual
I/O Shield
2 x SATA 6Gb/s cable(s)
1 x M.2 Screw Package
1 x Supporting DVD

BIOS

128 Mb Flash ROM, UEFI AMI BIOS, PnP, WfM2.0, SM BIOS 3.0, ACPI 6.1, Multi-language BIOS, ASUS EZ Flash 3, ASUS CrashFree BIOS 3, My Favorites, Last Modified log, F12 PrintScreen, ASUS DRAM SPD (Serial Presence Detect) memory information, F6 Qfan Control

Operating System

Windows® 10 64-bit

Form Factor

mATX Form Factor
8.9 inch x 8.7 inch (22.6 cm x 22.1 cm)

Note

*1?AMD Ryzen™ Processor does not support

Meta Fields

SKU : 33.0320

REGULAR PRICE : 88.38