

MSI A320M-A Pro Max AMD Motherboard

Sale Price: 7500.0



PRODUCT ID: 04165

Basic Information

Supported CPU	Supports 1st, 2nd and 3rd Gen AMD Ryzen / Ryzen with Radeon Vega Graphics and 2nd Gen AMD Ryzen with Radeon Graphics / Athlon with Radeon Vega Graphics and A-series / Athlon X4 Desktop Processors for Socket AM4
Chipset	AMD A320 Chipset
Form Factor	m-ATX Form Factor 9.3 in. x 7.9 in. (23.6 cm x 20.0 cm)

Expansion Slots

PCI	1 x PCIe 3.0 x16 slot Supports x16 speed 1st, 2nd and 3rd Gen AMD Ryzen Supports x8 speed Ryzen with Radeon Vega Graphics 2nd Gen AMD Ryzen with Radeon Graphics A-series Athlon X4 Supports x4 speed AMD Athlon with Radeon Vega Graphics PCIe 2.0 x1 slot
M.2 Socket	1x M.2 slot (Key M) Supports PCIe 3.0 x4 and SATA 6Gb/s 1st, 2nd and 3rd Gen AMD Ryzen Ryzen with Radeon Vega Graphics 2nd Gen AMD Ryzen with Radeon Graphics

Memory

Basic Information

Type	Dual channel memory architecture Supports ECC UDIMM memory (non-ECC mode) Support non-ECC UDIMM memory
Slots	2
Supported Memory	Support DDR4 1866/ 2133/ 2400/ 2667/ 2933(OC)/ 3200(OC)Mhz(by JEDEC) Supports 2667/ 2800/ 2933/ 3000/ 3066/ 3200 MHz (by A-XMP OC MODE)
Maximum Memory	32GB

Graphics

Graphics	1 x DVI-D port, supports a maximum resolution of 1920x1200@60Hz1,2 1 x HDMI™ 1.4 port, supports a maximum resolution of 4096x2160 @24Hz1,2 Only support when using the processor with
Max Shared Memory	GraphicsMaximum shared memory of 2048 MB

Connector & Ports

HDMI	1 x HDMI™ 1.4 port, supports a maximum resolution of 4096x2160 @24Hz
DVI-D (s)	Yes1 x DVI-D port, supports a maximum resolution of 1920x1200@60Hz
USB (s)	AMD A320 Chipset 6x USB 3.2 Gen1 (SuperSpeed USB) ports (4 ports on the back panel, 2 ports available through the internal USB connector) 6x USB 2.0 (High-speed USB) ports (2 ports on the back panel, 4 ports available through the internal USB connectors)
LAN Port (s)	1 x Realtek 8111H Gigabit LAN controller
Supported Storage	AMD A320 Chipset 4 x SATA 6Gb/s ports Supports RAID 0, RAID1 and RAID 10 1x M.2 slot (Key M) Supports PCIe 3.0 x4 and SATA 6Gb/s 1st, 2nd and 3rd Gen AMD Ryzen™ Ryzen with Radeon Vega Graphics 2nd Gen AMD Ryzen with Radeon Graphics Supports PCIe 3.0 x2 and SATA 6Gb/s AMD Athlon with Radeon™ Vega Graphics A-series Athlon X4 Supports 2242/ 2260/ 2280/ 22110 storage devices
Audio	7.1-Channel High Definition Audio

Basic Information

Internal I/O Ports	1x 24-pin ATX main power connector
	1x 4-pin ATX 12V power connector
	4x SATA 6Gb/s connectors
	2x USB 2.0 connectors (supports additional 4 USB 2.0 ports)
	1x USB 3.2 Gen1 connector (supports additional 2 USB 3.2 Gen1 ports)
	1x 4-pin CPU fan connector
	1x 4-pin system fan connector
	1x Front panel audio connector
	2x Front panel connectors
	1x Chassis Intrusion connector
	1x Serial port connector
	1x Clear CMOS jumper
TPM (Trusted Platform Module)	1x TPM module connector

Warranty Information

Manufacturing Warranty	03 Years Warranty
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