

MSI Z390-A PRO DDR4 8th/9th Gen Intel LGA1151 Socket Motherboard

Sale Price: 14000.0



PRODUCT ID: 04237

Basic Information

Supported CPU	Supports 9th/ 8th Gen Intel Core / Pentium Gold / Celeron processors for LGA 1151 socket
Chipset	Intel Z390 Chipset
Form Factor	12 in. x 9.6 in. (30.5 cm x 24.4 cm) ATX Form Factor

Expansion Slots

PCI	2 x PCIe 3.0 x16 slots(support x16/x4 mode) 4 x PCIe 3.0 x1 slots 1 x M.2 slot with E key for Integrated Intel Wireless-AC(CNVi) module only
M.2 Socket	1 x M.2 slot with E key for Integrated Intel Wireless-AC(CNVi) module only 1 x M.2 slot (Key M) Supports up to PCIe 3.0 x4 and SATA 6Gb/s, 2242/ 2260/ 2280/ 22110 storage devices

Memory

Type	Dual-Channel Architecture
Slots	4 x DDR4 memory slots
Supported Memory	Supports DDR4 4400(OC)/ 4300(OC)/ 4266(OC)/ 4200(OC)/ 4133(OC)/ 4000(OC)/ 3866(OC)/ 3733(OC)/ 3600(OC)/ 3466(OC)/ 3400(OC)/ 3333(OC)/ 3300(OC)/ 3200(OC)/ 3000(OC) / 2800(OC)/ 2666/ 2400/ 2133 MHz Supports non-ECC, un-buffered memory Supports Intel Extreme Memory Profile (XMP)
Maximum Memory	support up to 128GB

Graphics

Basic Information

Graphics	1 x VGA port, supports a maximum resolution of 2048x1536@50Hz, 2048x1280@60Hz, 1920x1200@60Hz 1 x DVI-D port, supports a maximum resolution of 1920x1200@60Hz 1 x DisplayPort, supports a maximum resolution of 4096x2304@60Hz Supports 2-Way AMD CrossFire Technology
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Connector & Ports

Display Port (s)	1 x DisplayPort, supports a maximum resolution of 4096x2304@60Hz
DVI-D (s)	1 x DVI-D port, supports a maximum resolution of 1920x1200@60Hz
USB (s)	Intel Z390 Chipset 2 x USB 3.1 Gen2 (SuperSpeed USB 10Gbps) ports (1 Type-A port and 1 Type-C port on the back panel) 6 x USB 3.1 Gen1 (SuperSpeed USB) ports (2 Type-A ports on the back panel, 4 ports available through the internal USB 3.1 connectors) 6 x USB 2.0 (High-speed USB) ports (2 Type-A ports on the back panel, 4 ports available through the internal USB connectors)
LAN Port (s)	1 x Intel I219-V Gigabit LAN controller
Supported Storage	Intel Z390 Chipset 6 x SATA 6Gb/s ports 1 x M.2 slot (Key M) Supports up to PCIe 3.0 x4 and SATA 6Gb/s, 2242/ 2260/ 2280/ 22110 storage devices Intel® Optane™ Memory Ready
Audio	Realtek ALC892 Codec 7.1-Channel High Definition Audio

Basic Information

Internal I/O Ports	1 x 24-pin ATX main power connector
	1 x 8-pin ATX 12V power connector
	1 x 6-pin ATX 12V power connector
	6 x SATA 6Gb/s connectors
	2 x M.2 slots (1 M-Key slot,1 E-Key slot)
	2 x USB 3.1 Gen1 connectors (supports additional 4 USB 3.1 Gen1 ports)
	2 x USB 2.0 connectors (supports additional 4 USB 2.0 ports)
	1 x 4-pin CPU fan connector
	1 x 4-pin Water Pump connector
	5 x 4-pin system fan connectors
	1 x Front panel audio connector
	2 x System panel connectors
	1 x Chassis Intrusion connector
	1 x 4-pin RGB LED connector
	1 x Serial Port connector
	1 x Clear CMOS jumper
	1 x Parallel port connector
	1 x thunderbolt Add-on card connector
	1 x Front OC button connector

TPM (Trusted Platform Module)	1 x TPM module connector
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Others

Bundled Software	Support for Windows 10 64-bit
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Warranty Information

Manufacturing Warranty	03 years warranty
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