msi

MSI Z270 Gaming M3 Intel® Z270 LGA 1151 (Socket H4) ATX

Brand : MSI

Product name : Z270 Gaming M3

Product code: 7A62-001R
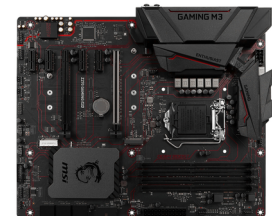
Socket LGA1151, Intel Z270 Chipset, 4 x DDR4 up to 64GB, Gigabit Ethernet, 6 x SATA III, 2 x M.2, 2 x PCI-Express x16, 4 x PCI-Express x1, ATX
MSI Z270 Gaming M3. Processor manufacturer: Intel, Processor socket: LGA 1151 (Socket H4), Compatible processor series: Intel® Celeron®, Intel® Pentium®. Supported memory types: DDR4-SDRAM, Maximum internal memory: 64 GB, Memory slots type: DIMM. Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 5, 10. Parallel processing technology support: 2-Way CrossFireX. Component for: PC, Motherboard form factor: ATX, Motherboard chipset family: Intel

Processor

Processor manufacturer *	Intel
Processor socket *	LGA 1151 (Socket H4)
Compatible processor series *	Intel® Celeron®, Intel® Pentium®

Memory

Supported memory types *	DDR4-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
ECC compatibility	Non-ECC
Supported memory clock speeds	2133,2400,2600,2800,3000,3200,3600,3800 MHz
Maximum internal memory *	64 GB

Storage controllers

Supported storage drive types	HDD & SSD
RAID levels	0, 1, 5, 10

Graphics

Parallel processing technology support *	2-Way CrossFireX
DirectX version	12.0

Internal I/O

USB 2.0 connectors *	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2
Number of SATA III connectors *	6
Front panel audio connector	✔
Front panel connector	✔
ATX Power connector (24-pin)	✔
CPU fan connector	✔
Number of chassis fan connectors	4
Chassis intrusion connector	✔
EPS power connector (8-pin)	✔
TPM connector	✔

Rear panel I/O ports

USB 2.0 ports quantity *	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Ethernet LAN (RJ-45) ports *	1
PS/2 ports quantity	1
HDMI ports quantity *	1
DVI-D ports quantity *	1
Headphone outputs	1
Microphone in	✔
S/PDIF out port	✔

Network

Ethernet LAN	✔

Features

Motherboard chipset *	Intel® Z270
Audio output channels *	7.1 channels
Component for *	PC
Motherboard form factor *	ATX
Motherboard chipset family *	Intel
Power source type	ATX
Linux operating systems supported	✔
Windows operating systems supported	✔

Expansion slots

PCI Express x1 slots	4
PCI Express x16 slots	2
Number of M.2 (M) slots	2

BIOS

BIOS type *	UEFI
Clear CMOS jumper	✔

Internal I/O		Processor special features	
Serial port headers	1	Intel® Optane™ Memory Ready	✔
		Weight & dimensions	
		Width	243 mm
		Depth	304 mm

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