GIGABYTE MC62-G40 AMD WRX80 Socket sWRX8 SSI CEB

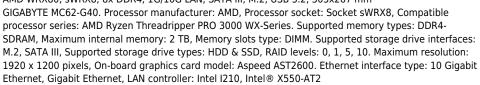**Brand :** GIGABYTE

Product name : MC62-G40

Product code: 9MC62G40NR-00

- AMD Ryzen Threadripper PRO 3000WX Processors
- 8-Channel DDR4 UDIMM/RDIMM/3DS RDIMM/LRDIMM 8 x DIMMs
- Dual Intel 10GbE and 1GbE LAN Ports
- 1 x Dedicated Management Port
- 7 x PCIe 4.0 Slots for Multi-GPU
- 4x SATA Ports, 3x SlimSAS Ports (PCIe Gen4 or SATA)
- Dual M.2 (PCIe Gen4 or SATA) and USB 3.2 Gen2
AMD WRX80, sWRX8, 8x DDR4, 1G/10G LAN, SATA III, M.2, USB 3.2, 305x267 mm
GIGABYTE MC62-G40. Processor manufacturer: AMD, Processor socket: Socket sWRX8, Compatible processor series: AMD Ryzen Threadripper PRO 3000 WX-Series. Supported memory types: DDR4-SDRAM, Maximum internal memory: 2 TB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 5, 10. Maximum resolution: 1920 x 1200 pixels, On-board graphics card model: Aspeed AST2600. Ethernet interface type: 10 Gigabit Ethernet, Gigabit Ethernet, LAN controller: Intel I210, Intel® X550-AT2

Processor

Processor manufacturer *	AMD
Processor socket *	Socket sWRX8
Compatible processor series *	AMD Ryzen Threadripper PRO 3000 WX-Series
Maximum number of SMP processors	1

Memory

Supported memory types *	DDR4-SDRAM
Number of memory slots *	8
Memory slots type	DIMM
Memory channels	Octa-channel
ECC compatibility	ECC & Non-ECC
Supported memory clock speeds	2133,2400,2666,2933,3200 MHz
Maximum internal memory *	2 TB
Unbuffered memory	✔

Storage controllers

Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, SATA III
RAID support	✔
RAID levels	0, 1, 5, 10

Graphics

Parallel processing technology support *	Not supported
Maximum resolution	1920 x 1200 pixels
On-board graphics card model	Aspeed AST2600

Internal I/O

USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2
Number of SATA III connectors *	4
Front panel connector	✔
ATX Power connector (24-pin)	✔
CPU fan connector	✔

Internal I/O

12V power connector	✔

Rear panel I/O ports

USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	4
Ethernet LAN (RJ-45) ports *	3
VGA (D-Sub) ports quantity *	1

Network

Ethernet LAN	✔
Ethernet interface type	10 Gigabit Ethernet, Gigabit Ethernet
LAN controller	Intel I210, Intel® X550-AT2
Wi-Fi *	✖

Features

Motherboard chipset *	AMD WRX80
Audio chip	Realtek ALC4080
Audio output channels *	7.1 channels
Component for *	Server
Motherboard form factor *	SSI CEB
Motherboard chipset family *	AMD
Linux operating systems supported	Ubuntu 20.04 LTS
Windows operating systems supported	Windows 10 x64

Expansion slots

PCI Express x16 (Gen 4.x) slots	7
Number of M.2 (M) slots	2

Operational conditions

Storage temperature (T-T)	-40 - 60 °C
Operating temperature (T-T)	10 - 40 °C
Operating relative humidity (H-H)	8 - 80%
Storage relative humidity (H-H)	20 - 95%

Internal I/O

Number of chassis fan connectors	8
Number of COM connectors	1
TPM connector	✔

Logistics data

Harmonized System (HS) code	84733020

Weight & dimensions

Width	305 mm
Depth	267 mm

Packaging content

Cables included	SATA

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