



## SPECIFICATIONS

<b>MODEL NAME</b>	MPG GUNGNIR 100
<b>Front I/O Ports</b>	2 x USB 3.0 + HD Audio / Mic
<b>Drive Bays</b>	2 x 3.5" (compatible with 2.5" ) + 4 x 2.5"
<b>VGA Card Support</b>	Max 400mm / 15.75 inch
<b>CPU Cooler Support</b>	Max 170mm / 6.69 inch
<b>Power Supply</b>	Standard ATX
<b>WEIGHT (CARD)</b>	169g
<b>Graphics</b>	NVIDIA GeForce RTX 50 Series graphics cards
<b>Chipset</b>	Intel® Z890 Chipset
<b>Sound</b>	7.1 Channel HD Audio with Nahimic 3 audio enhancer (ALC1220P) 1x 3W Speaker Build-in array microphone
<b>Expansion Slots</b>	3x PCI-E x16 slots 1x PCI_E1 Gen PCIe 5.0 supports up to x16 (From CPU) 1x PCI_E2 Gen PCIe 4.0 supports up to x1 (From PCH) 1x PCI_E3 Gen PCIe 4.0 supports up to x4 (From PCH)
<b>OS</b>	Windows 11 Home Windows 11 Pro
<b>CPU</b>	Up to Intel® Core™ Ultra 9 processor 285K 1 x USB 20Gbps Type C (Supports PD 15W) 3 x USB 10Gbps Type A 4 x USB 5Gbps Type A 2 x Thunderbolt™ 4
<b>I/O (Rear)</b>	1 x RJ45 (5G LAN) 1 x S/PDIF 2 x Audio Jacks 2 x WiFi Antenna 1 x Kensington Lock
<b>Case Form Factor</b>	Mid-Tower
<b>Wireless LAN</b>	Intel® Killer™ Wi-Fi 7 BE1750
<b>Memory</b>	4x DDR5 5600MHz U-DIMMs, up to 128GB *5600MHZ (with 1 DIMM per channel) *4800MHz (with 2 DIMMs 1R Memory per channel) *4400MHz (with 2 DIMMs 2R Memory per channel) **The system speed follows the Intel POR (Plan of Record) design. Actual specifications will vary depending on the model.
<b>Bluetooth</b>	5.4
<b>I/O (Side)</b>	1 x USB 10Gbps Type C (Supports PD 15W) 2 x USB 5Gbps Type A 1 x Headphone out / Mic in

## FEATURES



### Intel® Core™ Ultra Processor

Featuring a top-tier Intel® Core™ Ultra processor with built-in NPUs, it delivers ultimate gaming performance while ensuring powerful AI task capabilities.



### NVIDIA GPUs (AI accelerator)

Revolutionize your creative process with RTX and AI, powered by MSI GeForce RTX™ Graphics Cards.



### AI HMI

A touch screen provides intuitive operation and syncs with MSI's exclusive AI apps for enhanced AI functionality.

### Silent Storm Cooling AI



Separated chambers prevent heat buildup, while AI algorithms adjust fan speed for optimal cooling.

### Glacier Armor



Installing heatsinks on the memory and VRM to enhance thermal efficiency.



### Back connect Motherboard

It features the MSI Project Zero motherboard, which hides all cables for a clean look and improves thermal efficiency by reducing cable-induced turbulence.



### Intel Killer WiFi 7 & 5G LAN

The MSI gaming desktop features Intel® Killer™ Wi-Fi 7 and 5G LAN, offering 4.8x faster speeds than Wi-Fi 6E and 5 Gbps low-latency performance for seamless gaming.

## CONNECTIONS



- |                                |   |
|--------------------------------|---|
| 1. 1x USB 10Gbps Type C        | 2. 1x USB 5Gbps Type A  |
| 3. 1 x Headphone out           | 4. 1x Mic in  |
| 5. 2x USB 2.0 Type A / 1x PS/2 | 6. 2x USB 5Gbps Type A / 2x USB 2.0 Type A                        |
| 7. Flash BIOS port             | 8. 1x USB 10Gbps Type C / 1x USB 10Gbps Type A / 1x RJ45 (5G LAN) |
| 9. 2x Wi-Fi Antenna            | 10. 3x Audio Jacks  |

<b>AC ADAPTER / PSU</b>	1200W 80 Plus Gold Certified PSU (ATX 3.1) 850W 80 Plus Gold Certified PSU (ATX 3.1) <i>*This specification varies by SKUs</i>
<b>Resolution</b>	13.3" FHD (1080 x 1920), 60Hz, IPS-Level touchscreen
<b>Dimensions</b>	120mm x 120mm x 25.6mm
<b>Storage</b>	1x M.2 SSD slot (NVMe PCIe Gen5 x4) 2x M.2 SSD slots (NVMe PCIe Gen4 x4) 1x 2.5" Drive Bay 1x 3.5" Drive Bay
<b>LAN (RJ45)</b>	Intel® Killer™ E5000 (5G)
<b>Volume</b>	42.6L
<b>Bearing Type</b>	Hydro-Dynamic Bearing
<b>Cooling System</b>	MSI AIO Liquid Cooling (360mm)
<b>Rated Speed</b>	500 - 1800 ±15% RPM
<b>Weight (N.W. / G.W.)</b>	TBC
<b>Air Flow</b>	19.79 - 71.27 CFM
<b>Static Air Pressure</b>	0.16 - 2.09 mm-H2O
<b>Connector</b>	4-Pin PWM/DC
<b>Life Expectancy</b>	MTTF 150,000 Hours (25°C)
<b>Radiator Size Support</b>	Front: 120 / 140 / 240 / 280 / 360 mm Top: 120 / 140 / 240 / 280 / 360 mm Rear: 120 / 140 mm Side: 120 / 240 / 360 mm
<b>Dimension</b>	502.7mm x 299.3 mm x 423.4mm
<b>PRODUCT DIMENSIONS (MM)</b>	510(D) x 227(W) x 525(H) mm 20.08(D) x 8.94(W) x 20.67(H) inch
<b>Net Weight</b>	15.95 kg / 35.16 lbs
<b>Accessories</b>	1x Manual (optional) 1x Quick guide 1x Warranty card (optional) 1x Power cord
<b>Note</b>	Material: Left Side: Tempered Glass/ Right Side- Metal Vertical GPU Mount : Yes Touch Panel: Yes