



DESKTOP

## MPG Infinite Z3 9th

MPG INFINITE Z3 9NVR9-280UK

### PATH TO THE FUTURE

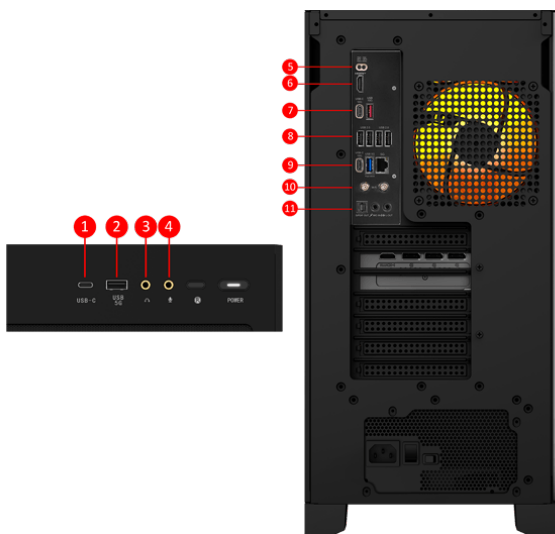
The MSI Infinite gaming desktop is tailor-made for gamers who never tire of their insatiable desire to game. Equipped with the world's best gaming hardware integrated with AI and offering numerous customization tools, this desktop is your dedicated companion for endless hours of gaming. Challenge your own boundaries!



Picture and logos

### SELLING POINTS

- Windows 11 Home/Windows 11 Pro
- Up to AMD® Ryzen™ 9000 Series Processor
- Up to MSI GeForce RTX™ 5090 graphics cards (AI accelerator)
- AI Gaming Desktop - AI-driven enhancements in cooling, gaming, and game streaming
- Silent Storm Cooling AI - Optimizes airflow by adjusting fan speeds with AI algorithms
- 360mm AIO Liquid Cooling (Optional) - Efficiently dissipates heat from high-end CPUs
- Glacier Armor - Featuring extensive heatsinks on VRM, SSD, PCH, and memory to optimizes thermal management.
- Supports PCIe 4.0 SSD - Load your games in seconds
- 8pin Power Connector - Additional onboard PCIe power connector ensures sustained GPU performance for AI computing tasks
- Easy to Upgrade - Designed to upgrade your components with an ease
- Mystic Light RGB LED design to customize your Gaming PC
- Transparent Side Panel meets EMI standard
- 5G LAN & WiFi 6E technology - Gaming experience with no delay.



1. 1x USB 5Gbps Type C
2. 1x USB 5Gbps Type A
3. 1 x Headphone out
4. 1x Mic in
5. Flash Bios Button / Clear CMOS Button
6. 1x HDMI out
7. 1x USB 10Gbps Type C / 1x USB 10Gbps Type A
8. 4x USB 2.0 Type A
9. 1x USB 10Gbps Type C / 1x USB 5Gbps Type A / 1x RJ45 (5G LAN)
10. 2x Wi-Fi Antenna
11. 1x S/PDIF / 2x Audio Jacks



SPECIFICATION

|                   |                                |                        |
|-------------------|--------------------------------|------------------------|
| Operating Systems | Operating Systems              | Windows 11 Home        |
| Processor         | CPU Number                     | AMD Ryzen 9 9900X      |
|                   | CPU Clock                      | 4.4GHz                 |
|                   | CPU Cores                      | 12                     |
|                   | TDP                            | 120W                   |
|                   | Cache                          | 12MB                   |
|                   | Threads                        | 24                     |
|                   | Max Turbo Frequency            | up to 5.60 GHz         |
|                   | CPU Cooler                     | Liquid cooling         |
|                   | Platform TOPS                  | N/A                    |
|                   | NPU TOPS                       | N/A                    |
| Chipset           | Chipsets                       | B850                   |
| Graphics          | GPU1 VRAM Size                 | 16G                    |
|                   | VGA I/O Port                   | HDMIx1, Display Portx3 |
|                   | GPU1 Vendor                    | NVIDIA                 |
|                   | GPU1 MKT Name                  | GeForce RTX 5070 Ti    |
| Memory            | Memory Size                    | 32GB(16GB*2)           |
|                   | Memory Type                    | DDR5 SDRAM             |
|                   | Module Type                    | U-DIMM                 |
|                   | Memory Slot (Total/Free)       | 4/2                    |
|                   | Max Capacity                   | Max 128GB              |
| Storage           | SSD Interface                  | PCIe GEN4x4            |
|                   | SSD Form Factor                | M.2-2280 M-KEY         |
|                   | SSD Config                     | 2TB*1                  |
|                   | SSD Size                       | 2TB                    |
|                   | HDD1 Interface                 | N/A                    |
|                   | HDD1 Form Factor               | N/A                    |
|                   | HDD1 Size                      | N/A                    |
|                   | HDD1 RPM                       | N/A                    |
|                   | ODD(Type)                      | N/A                    |
|                   | ODD Height                     | N/A                    |
|                   | ODD Type                       | N/A                    |
|                   | M.2 slots (Total/Free)         | 3/2                    |
|                   | 2.5" Drive Bays (Total/Free)   | 1/1                    |
|                   | 3.5" Drive Bays (Total/Free)   | 2/2                    |
| Audio             | Audio Chipset                  | Realtek ALC897         |
|                   | Audio Type                     | 7.1 Channel HD Audio   |
|                   | D-MIC                          | N/A                    |
| Communications    | LAN                            | Realtek RTL 8126-VB-CG |
|                   | WLAN Version                   | Wi-Fi 6E+BT            |
|                   | BT Version                     | 5.3                    |
|                   | WLAN                           | AMD/RZ616              |
| I/O Ports (Front) | Audio Mic-in                   | 1                      |
|                   | Audio Headphone-out            | 1                      |
|                   | USB 3.2 Gen 1 (5G) Type C      | 1                      |
|                   | USB 3.2 Gen 1 (5G) Type A      | 1                      |
|                   | USB 4 (40G) Type C             | N/A                    |
|                   | Copilot Button                 | N/A                    |
| I/O Ports (Rear)  | USB 2.0 Type A (R)             | 4                      |
|                   | RJ45                           | 1                      |
|                   | WiFi Antenna                   | 2                      |
|                   | HDMI out                       | NA, 1x (v2.1)          |
|                   | Audio jack                     | 2                      |
|                   | S/PDIF                         | 1                      |
|                   | Flash BIOS Button              | 1                      |
|                   | USB 3.2 Gen 2 (10G) Type C (R) | 2                      |
|                   | USB 3.2 Gen 2 (10G) Type A (R) | 1                      |
|                   | USB 3.2 Gen 1 (5G) Type A (R)  | 1                      |



DESKTOP

## MPG Infinite Z3 9th

MPG INFINITE Z3 9NVR9-280UK

|                              |                                                |                                                                      |
|------------------------------|------------------------------------------------|----------------------------------------------------------------------|
| Power                        | Power                                          | 850W                                                                 |
|                              | Power Certification                            | 80PLUS GOLD                                                          |
|                              | Formfactor                                     | ATX                                                                  |
|                              | Type                                           | POWER SUPPLY                                                         |
| Dimension&Weight             | Product Dimension (WxDxH) (mm)                 | 235.1 x 481.23 x 485                                                 |
|                              | Product Dimension (WxDxH) (inch)               | 9.26 x 18.95 x 19.09                                                 |
|                              | Inside Carton Dimension (WxDxH) (mm)           | N/A                                                                  |
|                              | Inside Carton Dimension (WxDxH) (inch)         | N/A                                                                  |
|                              | Outer Carton Dimension Standard (WxDxH) (mm)   | 590 x 327 x 611                                                      |
|                              | Outer Carton Dimension Standard (WxDxH) (inch) | 23.23 x 12.87 x 24.06                                                |
|                              | Weight (Net kg)                                | 14.91                                                                |
|                              | Net Weight (lbs)                               | 32.87                                                                |
|                              | Weight (Gross kg)                              | 17.18                                                                |
|                              | Gross Weight (lbs)                             | 37.88                                                                |
|                              | Liter                                          | 40                                                                   |
| Mechanical and Environmental | Pint                                           | 84.53                                                                |
|                              | Operating, Storage Temperature                 | 0° C ~ 35° C ; -20° C ~ 60° C                                        |
|                              | Operating, Storage Humidity                    | 0% ~ 85%;0% ~ 90%                                                    |
|                              | Regulatory Compliance                          | FCC(Class B), CB/CE, UL(CUL), BSMI, VCCI, RCM(C-Tick), ERP lot 3, RH |
| Warranty                     | Warranty                                       | 24months                                                             |
| Accessories                  | Keyboard Interface                             | N/A                                                                  |
|                              | Mouse Interface                                | N/A                                                                  |
|                              | Power Cord                                     | 1                                                                    |
|                              | AC Adaptor                                     | N/A                                                                  |
|                              | Warranty Card                                  | N/A                                                                  |
|                              | Quick Guide                                    | 3                                                                    |
|                              | User Manual                                    | N/A                                                                  |
|                              | VESA Mount kit                                 | N/A                                                                  |
|                              | Keyboard                                       | N/A                                                                  |
|                              | Mouse                                          | N/A                                                                  |
|                              | Power Switch                                   | N/A                                                                  |
| Barcode Info                 | EAN                                            | 4711377337472                                                        |
| Model                        | Part No                                        | 956-B94221-808                                                       |
|                              | MKT Name                                       | MPG Infinite Z3 9NVR9                                                |
|                              | MKT Spec                                       | MPG Infinite Z3 9NVR9-280UK                                          |
|                              | Color                                          | ID1/Black-Black-Black                                                |
|                              | Model                                          | B942                                                                 |
| Security                     | TPM module                                     | N/A                                                                  |
|                              | Chassis Lock                                   | N/A                                                                  |
|                              | Chassis Intrusion                              | N/A                                                                  |