



## SELLING POINTS

- Windows 11 Pro
- Up to 12th Generation Intel® Core™ i9 12900K gaming processor with DDR5 memory
- Up to MSI GeForce RTX™ 3090 Graphics card
- PCIe Gen 5 bandwidth support, improved workloads and render capabilities for enhanced gaming experience.
- Gaming Dial- Quickly and intuitively harness this gaming beast
- Silent Storm Cooling 4 - Excellent heat dissipation design to ensure smooth operation of the game visuals
- 2.5G + 1G Dual LAN - None delaying gaming experience
- WiFi 6E Technology wireless gaming with wired quality
- MSI Mystic Light, customize your gaming color
- Ambient Link support, immersive gaming experience

## FEATURES



### Intel 12th Gen Processors

Equipped with 12th Gen Intel® Core™ i9 processor. Up to 19% performance increase than previous generation.



### Gaming Dial

With the knob design, it'll be easier for users to understand the system information. Through the dial design, users can easily switch between performance settings.



### Wi-Fi 6E

The latest WiFi 6E delivers stunning speed while keeps the network smooth and stable even when sharing the network with numerous users.



### GeForce RTX™ Graphics Card

Built with MSI GeForce RTX™ Graphics Card, up to 40% more performance than previous generation.

### DDR 5 Memory ready



Equipped with the latest DDR5 memory which brings a powerful performance. DDR5 has a higher bandwidth than DDR4, allowing for extremely smooth gameplay.

### Silent Storm Cooling 4



Exclusive, silent and powerful cooling system that embraces several separated chambers for component cooling, added extra new chamber in back of MB for VRM cooling.

## CONNECTIONS



# msi

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## MEG Aegis Ti5 12th

PATH TO THE FUTURE



1. 1 x USB 3.2 Gen 1 Type A<br> 1 x Mic-in / 1x Headphone-out

2. 1 x USB 3.2 Gen 2 Type C<br> 1 x USB 3.2 Gen 1 Type A

3. 5x Audio jacks / 1 x Optical S/PDIF out. 1x RJ45 (2.5G LAN) / 1x USB 3.1 Gen 1 Type A / 1x USB 3.1 Gen 2x2 Type C. 1x RJ45 (Gigabit LAN) / 2x USB 3.1 Gen 1 Type A. 1x Thunderbolt 4 (optional)\*. 1x HDMI out (2.0a). 1x PS/2 Combo Port / 2x USB 2.0

## SPECIFICATIONS

|                                                                   |          |
|-------------------------------------------------------------------|----------|
| W/KB Q'ty/40cy (by sea) pcs                                       | 264      |
| W/KB Q'ty/20cy (by sea) pcs                                       | 120      |
| W/O KB Q'ty/40cy (by sea) pcs                                     | 264      |
| W/O KB Q'ty/20cy (by sea) pcs                                     | 120      |
| W/KB Pallet Q'ty (by sea) pcs                                     | 12       |
| W/O KB Pallet Q'ty (by sea) pcs                                   | 12       |
| Flash BIOS Button                                                 | NA       |
| mini DP in                                                        | NA       |
| WiFi Antenna                                                      | NA       |
| Thunderbolt (R)                                                   | NA       |
| W/KB Pallet Q'ty (by air) pcs                                     | 8        |
| M.2 SSD combo (Gen 3 x4 for Core / Gen 2 x4 for Pentium& Celeron) | 0        |
| W/O KB Pallet Q'ty (by air) pcs                                   | 8        |
| M.2 SSD combo (NVMe PCIe Gen4 x4 / SATA)                          | 0        |
| W/KB Weight (Gross lbs)                                           | N/A      |
| W/KB Weight (Gross kg)                                            | N/A      |
| M.2 SSD (NVMe PCIe Gen4 x4)                                       | 3        |
| PCIe 3.0 x1                                                       | 1        |
| W/KB Weight (Net lbs)                                             | N/A      |
| W/KB Weight (Net kg)                                              | N/A      |
| CPU Back FAN Dimension (WxDxH) mm                                 | 92*92*15 |
| W/O KB Weight (Gross lbs)                                         | 46.96    |



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|                                                        |                                                                                                                                                                                                                                                            |
|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PCIe 4.0 x16                                           | NA                                                                                                                                                                                                                                                         |
| PCIe 5.0 x16                                           | 2                                                                                                                                                                                                                                                          |
| W/O KB Weight (Gross kg)                               | 21.3                                                                                                                                                                                                                                                       |
| MB Ori. MKT Name                                       | Proprietary                                                                                                                                                                                                                                                |
| W/O KB Weight (Net lbs)                                | 33.4                                                                                                                                                                                                                                                       |
| W/O KB Weight (Net kg)                                 | 15.15                                                                                                                                                                                                                                                      |
| mini DP out                                            | NA                                                                                                                                                                                                                                                         |
| PS/2                                                   | 1                                                                                                                                                                                                                                                          |
| COM Port                                               | NA                                                                                                                                                                                                                                                         |
| DVI-D out                                              | NA                                                                                                                                                                                                                                                         |
| Inside Carton Dimension (WxDxH) (mm)                   | 686 x 357 x 673                                                                                                                                                                                                                                            |
| Lock type                                              | Kensington Lock                                                                                                                                                                                                                                            |
| VESA size                                              | NA                                                                                                                                                                                                                                                         |
| PCIe 3.0 x16                                           | NA                                                                                                                                                                                                                                                         |
| PCIe 2.0 x1                                            | NA                                                                                                                                                                                                                                                         |
| Power Supply                                           | 850W 80 Plus Gold Certified PSU                                                                                                                                                                                                                            |
| Product Dimension (WxDxH) (mm)                         | 551.3 x 239.9 x 511.6                                                                                                                                                                                                                                      |
| Product Dimension (WxDxH) (inch)                       | 21.7 x 9.44 x 20.14                                                                                                                                                                                                                                        |
| S/PDIF                                                 | 1                                                                                                                                                                                                                                                          |
| Outer Carton Dimension Standard (WxDxH) (inch)         | N/A                                                                                                                                                                                                                                                        |
| Inside Carton Dimension (WxDxH) (inch)                 | 27.01 x 14.06 x 26.5                                                                                                                                                                                                                                       |
| Outer Carton Dimension Standard (WxDxH) (mm)           | N/A                                                                                                                                                                                                                                                        |
| Outer Carton Dimension with bundle item (WxDxH) (mm)   | 686 x 357 x 673                                                                                                                                                                                                                                            |
| Outer Carton Dimension with bundle item (WxDxH) (inch) | 27.01 x 14.06 x 26.5                                                                                                                                                                                                                                       |
| Liter                                                  | 67                                                                                                                                                                                                                                                         |
| Pint                                                   | 141.59                                                                                                                                                                                                                                                     |
| Idle mode                                              | 23.6                                                                                                                                                                                                                                                       |
| Operating, Storage Temperature                         | 0° C ~ 35° C ; -20° C ~ 60° C                                                                                                                                                                                                                              |
| HDMI out                                               | 1x (v2.0b)                                                                                                                                                                                                                                                 |
| DP out                                                 | NA                                                                                                                                                                                                                                                         |
| CPU                                                    | Intel® Core™ i9-12900K (30M Cache, 3.20 GHz up to 5.20 GHz)<br>Intel® Core™ i9-12900KF (30M Cache, 3.20 GHz up to 5.20 GHz)<br>Intel® Core™ i7-12700K (25M Cache, 3.60 GHz up to 5.00 GHz)<br>Intel® Core™ i7-12700KF (25M Cache, 3.60 GHz up to 5.00 GHz) |
| OS                                                     | Windows 11 Home<br>Windows 11 Pro                                                                                                                                                                                                                          |
| Front System FAN Dimension (WxDxH) mm                  | NA                                                                                                                                                                                                                                                         |
| M.2 slots                                              | 3                                                                                                                                                                                                                                                          |
| mSATA slots                                            | NA                                                                                                                                                                                                                                                         |
| Number of DIMM Slot                                    | 4                                                                                                                                                                                                                                                          |
| Module Type                                            | U-DIMM                                                                                                                                                                                                                                                     |
| Bottom System FAN q'ty (Total/Free)                    | 0                                                                                                                                                                                                                                                          |
| Bottom System FAN Dimension (WxDxH) mm                 | NA                                                                                                                                                                                                                                                         |
| Rear System FAN q'ty (Total/Free)                      | 1                                                                                                                                                                                                                                                          |
| Rear System FAN Dimension (WxDxH) mm                   | 120*120*25                                                                                                                                                                                                                                                 |
| Top System FAN q'ty (Total/Free)                       | 0                                                                                                                                                                                                                                                          |
| Top System FAN Dimension (WxDxH) mm                    | NA                                                                                                                                                                                                                                                         |
| Front System FAN q'ty (Total/Free)                     | 0                                                                                                                                                                                                                                                          |
| CPU FAN Dimension (WxDxH) mm                           | 120*120*25                                                                                                                                                                                                                                                 |
| M.2 SSD (NVMe PCIe Gen3 x4)                            | 0                                                                                                                                                                                                                                                          |
| TDP                                                    | 125W                                                                                                                                                                                                                                                       |
| Type                                                   | Liquid(240mm)                                                                                                                                                                                                                                              |
| Card Reader                                            | NA                                                                                                                                                                                                                                                         |
| RJ45                                                   | 2                                                                                                                                                                                                                                                          |
| Audio Jack                                             | 5                                                                                                                                                                                                                                                          |
| LAN                                                    | 1x Intel I225-V+1x Intel I219-V                                                                                                                                                                                                                            |
| Optical Drive                                          | NA                                                                                                                                                                                                                                                         |
| Max Capacity                                           | Max 128GB                                                                                                                                                                                                                                                  |
| Memory Type                                            | DDR5 4400 MHz                                                                                                                                                                                                                                              |



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## Graphics

MSI GeForce RTX 3090 VENTUS 3X 24G GDDR6X (DP x 3 (v1.4a) / HDMI 2.1 x 1 )  
MSI GeForce RTX 3080 VENTUS 3X 10G LHR GDDR6X (DP x 3 (v1.4a) / HDMI 2.1 x 1 )  
MSI GeForce RTX 3070 VENTUS 2X 8G LHR GDDR6 (DP x 3 (v1.4a) / HDMI 2.1 x 1 )  
MSI GeForce RTX 3080 Ti VENTUS 3X 12G GDDR6X (DP x 3 (v1.4a) / HDMI 2.1 x 1 )  
MSI GeForce RTX 3070 Ti VENTUS 3X 8G GDDR6X (DP x 3 (v1.4a) / HDMI 2.1 x 1 )

|                                          |                                       |
|------------------------------------------|---------------------------------------|
| Chipset                                  | Intel® Z690                           |
| M.2 SSD (SATA)                           | 0                                     |
| M.2 SSD combo (NVMe PCIe Gen3 x4 / SATA) | 0                                     |
| VGA out                                  | NA                                    |
| USB 2.0 Type C                           | NA                                    |
| USB 2.0 Type A (R)                       | 2                                     |
| USB 2.0 Type C (R)                       | NA                                    |
| USB 3.2 Gen 1 Type A (R)                 | NA                                    |
| USB 3.2 Gen 1 Type C (R)                 | NA                                    |
| USB 3.2 Gen 2 Type A (R)                 | 3                                     |
| USB 3.2 Gen 2 Type C (R)                 | NA                                    |
| USB 3.2 Gen 2x2 Type A (R)               | NA                                    |
| USB 3.2 Gen 2x2 Type C (R)               | 1                                     |
| Mic-in/Headphone-out combo               | NA                                    |
| Headphone-out (HiFi / SPDIF)             | NA                                    |
| Headphone-out                            | 1                                     |
| Mic-in                                   | 1                                     |
| USB 2.0 Type A                           | NA                                    |
| M.2 SSD combo (NVMe PCIe Gen3 x2 / SATA) | 0                                     |
| USB 3.2 Gen 1 Type A                     | 2                                     |
| USB 3.2 Gen 1 Type C                     | NA                                    |
| USB 3.2 Gen 2 Type A                     | NA                                    |
| USB 3.2 Gen 2 Type C                     | 1                                     |
| USB 3.2 Gen 2x2 Type A                   | NA                                    |
| USB 3.2 Gen 2x2 Type C                   | NA                                    |
| Audio Type                               | 7.1 Channel HD Audio                  |
| Audio Chipset                            | Realtek ALC1220P                      |
| Wireless LAN                             | Intel Wireless AX211 + Bluetooth v5.2 |
| 3.5" Drive Bays                          | 1                                     |
| 2.5" Drive Bays                          | 2                                     |
| SATA connectors                          | 7                                     |
| VR-Link                                  | NA                                    |