



# Vector GP76 12UGS-298

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|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Manufacturer Part #   | Vector GP7612298                                                                                                                                                                                         |
| OS                    | Windows 11 Home<br>(MSI recommends Windows 11 Pro for business.)                                                                                                                                         |
| CPU                   | Core i7-12700H                                                                                                                                                                                           |
| CPU Speed             | 1.7-4.7GHz                                                                                                                                                                                               |
| Chipset               | -                                                                                                                                                                                                        |
| Color                 | Core Black                                                                                                                                                                                               |
| Screen Size           | 17.3" FHD (1920x1080), 360Hz 3ms, IPS-Level                                                                                                                                                              |
| Resolution            | 1920x1080 (16:9)                                                                                                                                                                                         |
| GPU                   | NVIDIA® GeForce RTX™ 3070 Ti Laptop GPU<br>Up to 1585MHz Boost Clock, 150W Maximum Graphics Power with Dynamic Boost. Max.<br>195W CPU-GPU Power with MSI OverBoost Technology.<br>*May vary by scenario |
| Video Memory          | 8G GDDR6                                                                                                                                                                                                 |
| Keyboard              | SteelSeries per-Key RGB with Anti-Ghost key (102 Key)                                                                                                                                                    |
| Audio                 | Nahimic 3 / Hi-Res Audio                                                                                                                                                                                 |
| Speaker               | Speakers 2W*2                                                                                                                                                                                            |
| Memory                | 32GB (16G*2) DDR4 3200MHz                                                                                                                                                                                |
| HDD Capacity          | 1TB NVMe SSD Gen4x4                                                                                                                                                                                      |
| HDD Interface         | NVMe                                                                                                                                                                                                     |
| LAN                   | 2.5GbE                                                                                                                                                                                                   |
| WLAN                  | Killer WiFi 6E AX1675 (2x2 )                                                                                                                                                                             |
| Bluetooth             | BT 5.2                                                                                                                                                                                                   |
| Card Reader           | –                                                                                                                                                                                                        |
| Webcam                | 720p HD Webcam                                                                                                                                                                                           |
| USB                   | 3x USB3.2 Gen 1                                                                                                                                                                                          |
| Type-C Port           | 1x USB 3.2 Gen2/DP                                                                                                                                                                                       |
| Video Port            | 1x (8K @ 60Hz / 4K @ 120Hz) HDMI                                                                                                                                                                         |
| Audio Port            | 1 Audio Combo (1/8")                                                                                                                                                                                     |
| AC Power Adaptor      | 280W                                                                                                                                                                                                     |
| Battery Pack          | 4 cell (65Whr)                                                                                                                                                                                           |
| Dimension             | 15.63"x 11.18"x 1.02"                                                                                                                                                                                    |
| Weight                | 6.39 lbs                                                                                                                                                                                                 |
| Manufacturer Warranty | 1 year Limited warranty (Include 1 Year Global)                                                                                                                                                          |