



Highend Gaming **181-512**

Item no.: 81512

RRP: **2,999 €**

EAN: 4046373815120



**HIGH QUALITY**  
geplant, gebaut,  
geprüft in Germany



**AUFRÜSTSERVICE**  
zukunftsichere  
Upgrades



**GAME COUPONS**  
laufend neue  
Auswahl

### Technical specifications

|                      |                     |       |
|----------------------|---------------------|-------|
| MODEL                | GN7 948IG 24T1      |       |
| DISPLAY SIZE         | 43.9                |       |
| RESOLUTION           | 2560 x 1600         |       |
| REFRESH RATE         | 240                 |       |
| RESOLUTION STANDARD  | WQXGA               |       |
| CASE MATERIAL        | Plastic             |       |
| CASE MATERIAL        | Kunststoff;Metall;  |       |
| SURFACE              | Matte               |       |
| SCREEN TECHNOLOGY    | IPS                 |       |
| ASPECT RATIO         | 16:10               |       |
| CPU MANUFACTURER     | INTEL               | intel |
| PROCESSOR FAMILY     | Intel Core i9       | intel |
| CPU SERIES           | Core i9             |       |
| CPU                  | 14900HX             | intel |
| PROCESSOR GENERATION | Intel Core i9-14xxx | intel |
| PROCESSOR MODEL      | i9-14900HX          |       |

|                       |                          |                                                                                       |
|-----------------------|--------------------------|---------------------------------------------------------------------------------------|
| SOCKET                | BGA 1964                 |    |
| MAX. TDP              | 55                       |                                                                                       |
| CHIPSET               | Intel HM770 Express      |                                                                                       |
| FITTED                | Yes                      |                                                                                       |
| INTENDED USE          | SoC                      |                                                                                       |
| CPU CORES             | 24                       |                                                                                       |
| MAX. THREADS          | 32                       |                                                                                       |
| PROCESSOR CLOCK       | 2.20                     |                                                                                       |
| TURBO CLOCK           | 5.80                     |                                                                                       |
| MANUFACTURING PROCESS | 10nm                     |                                                                                       |
| CHANNEL               | Dual                     |                                                                                       |
| SLOTS (MAX.)          | 2                        |                                                                                       |
| PINS                  | 262                      |                                                                                       |
| SPEED                 | 4800                     |                                                                                       |
| RAM                   | 64                       |                                                                                       |
| MAX. RAM SIZE         | 64                       |                                                                                       |
| GRAPHICS FITTED       | Yes                      |                                                                                       |
| GRAPHICS MANUFACTURER | NVIDIA                   |  |
| MODEL SERIES          | GeForce                  |  |
| MAX. TGP              | 175W                     |                                                                                       |
| GRAPHICS              | GeForce RTX 4080         |  |
| GRAPHICS CARD MEMORY  | 12                       |                                                                                       |
| FUNCTION              | NVIDIA® Advanced Optimus |  |
| 1ST – CAPACITY        | 1000                     |                                                                                       |
| 1ST – INTERFACE       | M.2                      |                                                                                       |
| RAID                  | 0;1                      |                                                                                       |
| INTERFACE             | USB                      |                                                                                       |
| LAN PORT              | RJ-45 Ethernet           |                                                                                       |

|                             |                                                                                                                                                                                                                   |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EXTERNAL                    | 1x USB 3.2 Gen 2, 2x USB 3.2 Gen 1, 1x Thunderbolt 4 combo mit Power Delivery DC in und DP 1.4, 1x HDMI (DGPU), 1x 2-in-1 Audio Jack, (Kopfhörer/Mikrofon), 1x Mikrofon, 1x RJ-45, 1x DC-in; 2x cooling Connector |
| CARD READER                 | Yes                                                                                                                                                                                                               |
| LAN TRANSFER RATE           | 1000                                                                                                                                                                                                              |
| LAN                         | 10/100/1000/2500 Mb Killer                                                                                                                                                                                        |
| WI-FI STANDARD              | 802.11a,802.11b,802.11g,Wi-Fi 4 (802.11n),Wi-Fi 5 (802.11ac),Wi-Fi 6 (802.11ax)                                                                                                                                   |
| WI-FI                       | Wi-Fi 6 (802.11ax)                                                                                                                                                                                                |
| BLUETOOTH                   | 5.3                                                                                                                                                                                                               |
| SPEAKERS                    | 2                                                                                                                                                                                                                 |
| MICROPHONE                  | Yes                                                                                                                                                                                                               |
| SOUND SYSTEM                | Nahimic by SteelSeries                                                                                                                                                                                            |
| CAMERA                      | 1                                                                                                                                                                                                                 |
| COMPATIBLE                  | Windows 11 (64bit)                                                                                                                                                                                                |
| OS INSTALLED                | No operating system                                                                                                                                                                                               |
| DRIVERS INCLUDED            | Windows 11 (64bit)                                                                                                                                                                                                |
| POWER SUPPLY / OUTPUT       | 330                                                                                                                                                                                                               |
| POWER SUPPLY OUTPUT (VOLTS) | 20                                                                                                                                                                                                                |
| BATTERY CAPACITY (WH)       | 99                                                                                                                                                                                                                |
| DIMENSIONS (W X D X H)      | 383,5 x 272,4 x 27,4 mm                                                                                                                                                                                           |
| WEIGHT                      | 2800                                                                                                                                                                                                              |
| COOLING SYSTEM              | Air cooling                                                                                                                                                                                                       |
| SIGN-IN OPTIONS             | Password;Pin;                                                                                                                                                                                                     |
| ANTI-THEFT                  | Kensington-Schloss                                                                                                                                                                                                |
| CONTROLS                    | backlit keyboard;Touchpad with multi-touch gesture support;                                                                                                                                                       |
| SECURITY                    | Security (Kensington Type) Lock Slot; TPM 2.0                                                                                                                                                                     |
| KEYBOARD LAYOUT             | German                                                                                                                                                                                                            |
| KEYBOARD LAYOUT             | DE Layout                                                                                                                                                                                                         |
| KEYBOARD                    | 4-Zone RGB Backlight                                                                                                                                                                                              |
| FEATURES                    | Metal Cover A/D, water cooling optionally available, sRGB100%                                                                                                                                                     |

|              |                                           |
|--------------|-------------------------------------------|
| ACCESSORIES  | Netzteil; Akku; Handbuch                  |
| BOX CONTENTS | Handbuch; Lithium-Polymer-Akku; Netzteil; |
| SSD          | 1000                                      |
| ITEM NUMBER  | 81512                                     |
| EAN          | 4046373815120                             |