

**GIGABYTE AERO 17 XE5-73ES738HP Intel® Core™ i7 i7-12700H
Laptop 43,9 cm (17.3") 4K Ultra HD 16 GB DDR5-SDRAM 1 TB SSD
NVIDIA GeForce RTX 3070 Ti Wi-Fi 6E (802.11ax) Windows 11 Pro
Silver**



Brand : GIGABYTE

Product family: AERO

Product code: AERO 17
XE5-73ES738HP

Product name : 17
XE5-73ES738HP

- Windows 11 Pro
- Intel Core i7-12700H (24MB Cache)
- 43.9 cm (17.3") 4K Ultra HD 3840 x 2160, NVIDIA GeForce RTX 3070 Ti (8GB GDDR6)
- 16GB (4800MHz) DDR5-SDRAM & 1000GB SSD
Intel Core i7-12700H (24MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, 43.9 cm (17.3") 4K Ultra HD 3840 x 2160, Intel Iris Xe Graphics, NVIDIA GeForce RTX 3070 Ti (8GB GDDR6), WLAN, Webcam, Windows 11 Pro
GIGABYTE AERO 17 XE5-73ES738HP. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-12700H. Display diagonal: 43,9 cm (17.3"), HD type: 4K Ultra HD, Display resolution: 3840 x 2160 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics, Discrete graphics card model: NVIDIA GeForce RTX 3070 Ti. Operating system installed: Windows 11 Pro. Product colour: Silver

| Design | | Camera | |
|-------------------------------------|-------------------------------|---|---|
| Product type * | Laptop | Front camera HD type | HD |
| Product colour * | Silver | Network | |
| Form factor * | Clamshell | Top Wi-Fi standard * | Wi-Fi 6E (802.11ax) |
| Display | | Wi-Fi standards | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax) |
| Display diagonal * | 43,9 cm (17.3") | Mobile network connection * | ✗ |
| Display resolution * | 3840 x 2160 pixels | WLAN controller model | Intel Wi-Fi 6E AX211 |
| Touchscreen * | ✗ | WLAN controller manufacturer | Intel |
| HD type | 4K Ultra HD | Bluetooth | ✓ |
| Maximum refresh rate | 120 Hz | Bluetooth version | 5.2 |
| High Dynamic Range (HDR) technology | High Dynamic Range (HDR) 1000 | Ports & interfaces | |
| Processor | | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity | 1 |
| Processor manufacturer * | Intel | Thunderbolt 4 ports quantity | 2 |
| Processor family * | Intel® Core™ i7 | Intel® Thunderbolt 4 | ✓ |
| Processor generation | 12th gen Intel® Core™ i7 | Combo headphone/mic port | ✓ |
| Processor model * | i7-12700H | USB Type-C DisplayPort Alternate Mode | ✓ |
| Processor cores | 14 | Keyboard | |
| Processor boost frequency | 4,7 GHz | Pointing device | Touchpad |
| Processor cache | 24 MB | Numeric keypad * | ✓ |
| Configurable TDP-down | 35 W | Keyboard backlit | ✓ |
| Memory | | Keyboard backlit colour | White |
| Internal memory * | 16 GB | Software | |
| Internal memory type | DDR5-SDRAM | Operating system installed * | Windows 11 Pro |
| Memory clock speed | 4800 MHz | | |
| Maximum internal memory * | 64 GB | | |
| Storage | | | |
| Total storage capacity * | 1 TB | | |

| Storage | | Processor special features | |
|--------------------------------|----------------------------|---|------------------------|
| Storage media * | SSD | Intel Flex Memory Access | ✓ |
| Total SSDs capacity | 1 TB | Intel Trusted Execution Technology | ✓ |
| Number of SSDs installed | 1 | Intel VT-x with Extended Page Tables (EPT) | ✓ |
| SSD capacity | 1 TB | Execute Disable Bit | ✓ |
| SSD interface | NVMe, PCI Express | CPU configuration (max) | 1 |
| NVMe | ✓ | Embedded options available | ✗ |
| Optical drive type * | ✗ | Intel Virtualization Technology for Directed I/O (VT-d) | ✓ |
| Graphics | | Intel Virtualization Technology (VT-x) | ✓ |
| Discrete GPU manufacturer | NVIDIA | Battery | |
| Discrete graphics card model * | NVIDIA GeForce RTX 3070 Ti | Battery technology | Lithium Polymer (LiPo) |
| Discrete graphics card memory | 8 GB | Battery capacity * | 99 Wh |
| Discrete graphics memory type | GDDR6 | Power | |
| On-board graphics card * | ✓ | AC adapter power | 230 W |
| Discrete graphics card * | ✓ | DC-in jack | ✓ |
| On-board graphics card model * | Intel Iris Xe Graphics | Security | |
| Audio | | Trusted Platform Module (TPM) | ✓ |
| Audio system | DTS:X Ultra | Weight & dimensions | |
| Number of built-in speakers | 2 | Width | 396,2 mm |
| Speaker power | 2 W | Depth | 241,3 mm |
| Built-in microphone | ✓ | Height | 23,4 mm |
| Camera | | Weight * | 2,6 kg |
| Front camera | ✓ | | |



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Catalog Object Cloud



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