



## DELL XPS 15 9500 i7-10750H Notebook 39.6 cm (15.6") Full HD+ Intel® Core™ i7 16 GB DDR4-SDRAM 1000 GB SSD NVIDIA® GeForce® GTX 1650 Ti Wi-Fi 6 (802.11ax) Windows 10 Pro Black, Silver

Brand : DELL

Product family: XPS

Product code: 9500-3566

Product name : 9500

- Windows 10 Pro 64-bit
- Intel Core i7-10750H (12MB Cache, 2.6GHz)
- 39.6 cm (15.6") Full HD+ 1920 x 1200, NVIDIA GeForce GTX 1650 Ti (4GB GDDR6)
- 16GB (2933MHz) DDR4-SDRAM & 1000GB SSD

Intel Core i7-10750H (12MB Cache, 2.6GHz), 16GB DDR4-SDRAM, 1000GB SSD, 39.6 cm (15.6") Full HD+ 1920 x 1200, Intel UHD Graphics, NVIDIA GeForce GTX 1650 Ti (4GB GDDR6), WLAN, Webcam, Windows 10 Pro 64-bit

DELL XPS 15 9500 i7-10750H Notebook 39.6 cm (15.6") Full HD+ Intel® Core™ i7 16 GB DDR4-SDRAM 1000 GB SSD NVIDIA® GeForce® GTX 1650 Ti Wi-Fi 6 (802.11ax) Windows 10 Pro Black, Silver:

### Your vision, more vivid.

15.6" laptop with a refined 16:10 InfinityEdge display delivering up to 100% Adobe RGB colour in brilliant detail, featuring 10th Gen Intel® Core™ processors.



Windows 10



| Design                        |                          | Ports & interfaces                              |                |
|-------------------------------|--------------------------|---|----------------|
| Product type *                | Notebook                 | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity | 1              |
| Product colour *              | Black, Silver            | Thunderbolt version                             | 3              |
| Form factor *                 | Clamshell                | Thunderbolt 3 ports quantity                    | 2              |
| Display                       |                          | Combo headphone/mic port                        | ✓              |
| Display diagonal *            | 39.6 cm (15.6")          | Charging port type                              | USB Type-C     |
| Display resolution *          | 1920 x 1200 pixels       | USB Type-C DisplayPort Alternate Mode           | ✓              |
| Touch screen *                | ✗                        | USB Power Delivery                              | ✓              |
| HD type                       | Full HD+                 | Keyboard  |                |
| LED backlight                 | ✓                        | Pointing device                                 | Touchpad       |
| Native aspect ratio           | 16:10                    | Numeric keypad *                                | ✗              |
| Display brightness            | 500 cd/m²                | Keyboard backlit                                | ✓              |
| Pixel density                 | 145 ppi                  | Software  |                |
| Maximum refresh rate          | 60 Hz                    | Operating system architecture                   | 64-bit         |
| Contrast ratio (typical)      | 1650:1                   | Operating system installed *                    | Windows 10 Pro |
| Processor                     |                          | Processor special features                      |                |
| Processor manufacturer *      | Intel                    | Intel Identity Protection Technology            | ✓              |
| Processor generation          | 10th gen Intel® Core™ i7 | Intel Hyper-Threading Technology                | ✓              |
| Processor *                   | i7-10750H                | Enhanced Intel SpeedStep Technology             | ✓              |
| Processor frequency *         | 2.6 GHz                  | Intel® Quick Sync Video Technology              | ✓              |
| Processor boost frequency     | 5 GHz                    | Intel Flex Memory Access                        | ✓              |
| Processor family *            | Intel® Core™ i7          | Intel AES New Instructions                      | ✓              |
| Processor number of cores     | 6                        | Intel Trusted Execution Technology              | ✗              |
| Processor threads             | 12                       | Intel VT-x with Extended Page Tables (EPT)      | ✓              |
| System bus data transfer rate | 8 GT/s                   | Intel® Secure Key                               | ✓              |
| Processor cache               | 12 MB                    |   |                |
| Processor cache type          | Smart Cache              |   |                |
| Processor socket              | BGA 1440                 |   |                |
| Processor lithography         | 14 nm                    |   |                |

| Processor                                      |  | Processor special features                              |                         |
|--|--|---|-------------------------|
| Processor operating modes                      | 64-bit   | Intel Stable Image Platform Program (SIPP)              | ✗                       |
| Processor codename                             | Comet Lake   | Intel® OS Guard   | ✓                       |
| Motherboard chipset                            | Intel WM490  | Intel Software Guard Extensions (Intel SGX)             | ✓                       |
| Thermal Design Power (TDP)                     | 45 W   | Intel 64  | ✓                       |
| Configurable TDP-down                          | 35 W   | Execute Disable Bit                                     | ✓                       |
| Tjunction                                      | 100 °C   | Idle States   | ✓                       |
| Maximum number of PCI Express lanes            | 16   | Thermal Monitoring Technologies                         | ✓                       |
| PCI Express slots version                      | 3.0  | Processor package size                                  | 42 x 28 mm              |
| PCI Express configurations                     | 1x16, 2x8, 1x8+2x4   | Supported instruction sets                              | SSE4.1, SSE4.2, AVX 2.0 |
| Memory   |  | CPU configuration (max)                                 | 1                       |
| Internal memory *                              | 16 GB  | Embedded options available                              | ✗                       |
| Internal memory type                           | DDR4-SDRAM   | Intel Virtualization Technology for Directed I/O (VT-d) | ✓                       |
| Memory clock speed                             | 2933 MHz   | Intel Virtualization Technology (VT-x)                  | ✓                       |
| Memory form factor                             | SO-DIMM  | Processor ARK ID  | 201837                  |
| Memory slots                                   | 2x SO-DIMM   | Battery   |                         |
| Maximum internal memory *                      | 64 GB  | Battery technology                                      | Lithium-Ion (Li-Ion)    |
| Storage  |  | Number of battery cells                                 | 6                       |
| Total storage capacity *                       | 1000 GB  | Battery capacity *                                      | 86 Wh                   |
| Storage media *                                | SSD  | Battery voltage   | 11.4 V                  |
| Total SSDs capacity                            | 1000 GB  | Battery recharge time                                   | 3 h                     |
| Number of SSDs installed                       | 1  | Battery weight  | 340 g                   |
| Solid-state drive capacity                     | 1000 GB  | Energy Management                                       |                         |
| Optical drive type *                           | ✗  | AC adapter frequency                                    | 50/60 Hz                |
| Card reader integrated                         | ✓  | AC adapter input voltage                                | 100 - 240 V             |
| Compatible memory cards                        | SD, SDHC, SDXC   | AC adapter output voltage                               | 20 V                    |
| Graphics                                       |  | Security  |                         |
| Discrete graphics card model *                 | NVIDIA® GeForce® GTX 1650 Ti   | Cable lock slot   | ✓                       |
| On-board graphics card *                       | ✓  | Fingerprint reader                                      | ✓                       |
| Discrete graphics card *                       | ✓  | Password protection                                     | ✓                       |
| On-board graphics card model *                 | Intel® UHD Graphics  | Operational Conditions                                  |                         |
| On-board graphics card base frequency          | 350 MHz  | Operating temperature range (T-T)                       | 0 - 35 °C               |
| On-board graphics card dynamic frequency (max) | 1150 MHz   | Storage temperature range (T-T)                         | -40 - 65 °C             |
| On-board graphics card DirectX version         | 12.0   | Operating relative humidity range                       | 10 - 90%                |
| On-board graphics card OpenGL version          | 4.5  | Storage relative humidity range                         | 0 - 95%                 |
| On-board graphics card ID                      | 0x9BC4   | Operating altitude                                      | -15.2 - 3048 m          |
| Discrete graphics card memory                  | 4 GB   | Non-operating altitude                                  | -15.2 - 10668 m         |
| Discrete graphics memory type                  | GDDR6  | Operating shock   | 110 G                   |
| NVIDIA Max-Q                                   | ✓  | Non-operating shock                                     | 160 G                   |
| Audio  |  | Operating vibration                                     | 0.66 G                  |
| Audio chip                                     | Realtek ALC3281-CG   | Non-operating vibration                                 | 1.3 G                   |
| Audio system                                   | MaxxAudio Pro  | Weight & Dimensions                                     |                         |
| Number of built-in speakers                    | 4  | Width   | 344.4 mm                |
| Built-in microphone                            | ✓  | Depth   | 230.3 mm                |
| Number of microphones                          | 2  | Height (front)  | 7.7 mm                  |
| Camera   |  | Height (rear)   | 1.8 cm                  |
| Front camera                                   | ✓  | Weight *  | 2.05 kg                 |
| Video capturing speed                          | 30 fps   | Network   |                         |
| Network  |  | Top Wi-Fi standard *                                    | Wi-Fi 6 (802.11ax)      |
| Wi-Fi standards                                | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax) | Mobile network connection *                             | ✗                       |
| Ethernet LAN connection                        | ✗  | Ethernet LAN connection                                 | ✗                       |

**Network**

Bluetooth 

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