



## DELL Vostro 5470 Intel® Core™ i7 i7-4500U Laptop 35,6 cm (14") HD 8 GB DDR3-SDRAM 500 GB HDD NVIDIA® GeForce® GT 740M Windows 8.1 Graphite, Silver

Brand : DELL

Product family: Vostro

Product code: V14T-5470-A50

Product name : 5470

Intel Core i7-4500U Processor (4M Cache, up to 3.00 GHz), 8GB DDR3 1600MHz, 500GB SATA HDD, 35.56 cm (14 ") HD LED 1366 x 768, nVidia GeForce GT 740M 2GB, Gigabit LAN, WLAN, WebCam, Bluetooth, Windows 8.1 64-bit

DELL Vostro 5470. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-4500U, Processor frequency: 1,8 GHz. Display diagonal: 35,6 cm (14"), HD type: HD, Display resolution: 1366 x 768 pixels. Internal memory: 8 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 500 GB, Storage media: HDD. On-board graphics card model: Intel® HD Graphics 4400. Operating system installed: Windows 8.1. Product colour: Graphite, Silver



| Design                     |                                  | Keyboard   |             |
|----------------------------|----------------------------------|--|-------------|
| Product type *             | Laptop                           | Windows keys   | ✓           |
| Product colour *           | Graphite, Silver                 |  |             |
| Form factor *              | Clamshell                        |  |             |
| Display                    |                                  | Software   |             |
| Display diagonal *         | 35,6 cm (14")                    | Operating system architecture                            | 64-bit      |
| Display resolution *       | 1366 x 768 pixels                | Drivers included   | ✓           |
| HD type                    | HD                               | Operating system installed *                             | Windows 8.1 |
| LED backlight              | ✓                                |  |             |
| Native aspect ratio        | 16:9                             |  |             |
| Display brightness         | 200 cd/m²                        |  |             |
| Processor                  |                                  | Processor special features                               |             |
| Processor manufacturer *   | Intel                            | Intel® Wireless Display (Intel® WiDi)                    | ✓           |
| Processor family *         | Intel® Core™ i7                  | Intel® My WiFi Technology (Intel® MWT)                   | ✓           |
| Processor generation       | 4th gen Intel® Core™ i7          | Intel Smart Connect Technology                           | ✓           |
| Processor model *          | i7-4500U                         | Intel® Anti-Theft Technology (Intel® AT)                 | ✓           |
| Processor cores            | 2                                | Intel® Identity Protection Technology (Intel® IPT)       | ✓           |
| Processor threads          | 4                                | Intel® Hyper Threading Technology (Intel® HT Technology) | ✓           |
| Processor boost frequency  | 3 GHz                            | Intel® Turbo Boost Technology                            | 2.0         |
| Processor frequency *      | 1,8 GHz                          | Intel® Matrix Storage Technology (Intel® MST)            | ✓           |
| Processor cache            | 4 MB                             | Intel® High Definition Audio (Intel® HD Audio)           | ✓           |
| Processor cache type       | Smart Cache                      | Enhanced Intel SpeedStep Technology                      | ✓           |
| Processor socket           | BGA 1168                         | Intel® Clear Video HD Technology (Intel® CVT HD)         | ✓           |
| Processor lithography      | 22 nm                            | Intel Clear Video Technology                             | ✗           |
| Processor operating modes  | 64-bit                           | Intel® InTru™ 3D Technology                              | ✓           |
| Processor series           | Intel Core i7-4500 Mobile series | Intel® Insider™  | ✓           |
| Processor codename         | Haswell                          | Intel® Quick Sync Video Technology                       | ✓           |
| Bus type                   | DMI2                             | Intel Flex Memory Access                                 | ✗           |
| FSB Parity                 | ✗                                |  |             |
| Stepping                   | C0                               |  |             |
| Thermal Design Power (TDP) | 15 W                             |  |             |

| Processor                                      |                           | Processor special features  |                         |
|--|---------------------------|---|-------------------------|
| Tjunction                                      | 100 °C                    | Intel® AES New Instructions (Intel® AES-NI)                                   | ✓                       |
| Maximum number of PCI Express lanes            | 12                        | Intel Trusted Execution Technology  | ✗                       |
| PCI Express slots version                      | 2.0                       | Intel Enhanced Halt State   | ✓                       |
| PCI Express configurations                     | 2x4                       | Intel VT-x with Extended Page Tables (EPT)                                    | ✓                       |
| ECC supported by processor                     | ✗                         | Intel Demand Based Switching  | ✗                       |
| Memory   |                           | Intel® Secure Key   | ✓                       |
| Internal memory *                              | 8 GB                      | Intel TSX-NI  | ✗                       |
| Internal memory type                           | DDR3-SDRAM                | Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID) | ✗                       |
| Memory clock speed                             | 1600 MHz                  | Intel 64  | ✓                       |
| Memory form factor                             | SO-DIMM                   | Execute Disable Bit   | ✓                       |
| Maximum internal memory *                      | 8 GB                      | Idle States   | ✓                       |
| Storage  |                           | Thermal Monitoring Technologies   | ✓                       |
| Total storage capacity *                       | 500 GB                    | Processor package size  | 40 x 24 x 1.5 mm        |
| Storage media *                                | HDD                       | Supported instruction sets  | AVX 2.0, SSE4.1, SSE4.2 |
| Number of HDDs installed                       | 1                         | Processor code  | SR16Z                   |
| HDD capacity                                   | 500 GB                    | CPU configuration (max)   | 1                       |
| HDD interface                                  | SATA                      | Embedded options available  | ✗                       |
| HDD speed                                      | 5400 RPM                  | Intel Virtualization Technology for Directed I/O (VT-d)                       | ✗                       |
| HDD size                                       | 2.5"                      | Intel Smart Connect Technology version  | 1,00                    |
| Optical drive type *                           | ✗                         | Intel Identity Protection Technology version                                  | 1,00                    |
| Card reader integrated                         | ✓                         | Intel Secure Key Technology version   | 1,00                    |
| Compatible memory cards                        | SD                        | Intel ME Firmware Version   | 9.5                     |
| Graphics                                       |                           | Intel TSX-NI version  | 0,00                    |
| Discrete graphics card model *                 | NVIDIA® GeForce® GT 740M  | Intel Virtualization Technology (VT-x)  | ✓                       |
| Discrete graphics card memory                  | 2 GB                      | Intel Dual Display Capable Technology   | ✗                       |
| Discrete graphics memory type                  | GDDR3                     | Intel FDI Technology  | ✓                       |
| On-board graphics card *                       | ✓                         | Intel Rapid Storage Technology  | ✓                       |
| Discrete graphics card *                       | ✓                         | Intel Fast Memory Access  | ✗                       |
| On-board graphics card family                  | Intel® HD Graphics        | Processor ARK ID  | 75460                   |
| On-board graphics card model *                 | Intel® HD Graphics 4400   | Conflict-Free processor   | ✓                       |
| On-board graphics card base frequency          | 200 MHz                   | Battery   |                         |
| On-board graphics card dynamic frequency (max) | 1100 MHz                  | Battery technology  | Lithium-Ion (Li-Ion)    |
| Maximum on-board graphics card memory          | 1,74 GB                   | Number of battery cells   | 3                       |
| On-board graphics card DirectX version         | 12                        | Battery capacity *  | 51 Wh                   |
| On-board graphics card ID                      | 0xA16                     | Battery voltage   | 11,4 V                  |
| Number of discrete graphics cards supported    | 1                         | Battery recharge time   | 3 h                     |
| Number of discrete graphics cards installed    | 1                         | Power   |                         |
| Audio  |                           | AC adapter frequency  | 50 - 60 Hz              |
| Audio system                                   | Wave MaxxAudio 4.0        | AC adapter input voltage  | 100 - 240 V             |
| Number of built-in speakers                    | 2                         | AC adapter output voltage   | 19.5 V                  |
| Speaker power                                  | 1,5 W                     | DC-in jack  | ✓                       |
| Built-in subwoofer                             | ✓                         | Security  |                         |
| Built-in microphone                            | ✓                         | Cable lock slot   | ✓                       |
| Camera   |                           | Cable lock slot type  | Kensington              |
| Front camera                                   | ✓                         | Password protection   | ✓                       |
| Front camera resolution (numeric)              | 1 MP                      | Operational conditions  |                         |
| Front camera resolution                        | 1280 x 720 pixels         | Operating temperature (T-T)   | 0 - 35 °C               |
| Network  |                           | Storage temperature (T-T)   | -20 - 60 °C             |
| Wi-Fi  | ✓                         | Operating relative humidity (H-H)   | 20 - 90%                |
| Wi-Fi standards                                | 802.11a, 802.11b, 802.11g |   |                         |
| Ethernet LAN                                   | ✓                         |   |                         |

| Network   |                    | Operational conditions           |               |
|---|--------------------|----------------------------------|---------------|
| Ethernet LAN data rates                           | 10,100,1000 Mbit/s | Storage relative humidity (H-H)  | 20 - 95%      |
| Bluetooth   | ✓                  | Operating altitude               | -15 - 3048 m  |
| Bluetooth version                                 | 4.0                | Non-operating altitude           | -15 - 10668 m |
| Ports & interfaces                                |                    | Sustainability                   |               |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 3                  | Sustainability certificates      | ENERGY STAR   |
| Ethernet LAN (RJ-45) ports                        | 1                  | Weight & dimensions              |               |
| HDMI ports quantity *                             | 1                  | Width                            | 337,6 mm      |
| DVI port  | ✗                  | Depth                            | 233,5 mm      |
| S/PDIF out port                                   | ✗                  | Height                           | 19,4 mm       |
| Microphone in                                     | ✗                  | Weight *                         | 1,62 kg       |
| Combo headphone/mic port                          | ✓                  | Packaging content                |               |
| Docking connector                                 | ✗                  | AC adapter included *            | ✓             |
| ExpressCard slot                                  | ✗                  | Cables included                  | AC            |
| CardBus PCMCIA slot type                          | ✗                  | Manual                           | ✓             |
| SmartCard slot                                    | ✗                  | Quick start guide                | ✓             |
| Total number of SATA connectors                   | 4                  | Warranty card                    | ✓             |
| Number of SATA III connectors                     | 4                  | Other features                   |               |
| USB Sleep-and-Charge                              | ✓                  | LightScribe                      | ✗             |
| USB Sleep-and-Charge ports                        | 1                  | 3D                               | ✗             |
| Keyboard  |                    | Maximum internal memory (64-bit) | 8 GB          |
| Pointing device                                   | Touchpad           |                                  |               |
| Numeric keypad *                                  | ✗                  |                                  |               |
| Full-size keyboard                                | ✓                  |                                  |               |

## Catalog Object Cloud



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