**DELL**

# DELL Vostro 3560 Intel® Core™ i5 i5-3210M Laptop 39.6 cm (15.6") Full HD 4 GB DDR3-SDRAM 500 GB HDD AMD Radeon HD 7670M Windows 7 Professional Black, Silver

**Brand :** DELL

**Product family:** Vostro

**Product code:**
VO3560I54GB500S

**Product name :** 3560

Intel Core i5-3210M (2.5GHz, 3MB), 39.624 cm (15.6 ") Full HD LED (1920 x 1080), 4GB DDR3 SDRAM, 500GB SATA, AMD Radeon HD 7670M, 802.11n, 1.3 MP webcam, 8-in-1, Windows 7 Professional 64 DELL Vostro 3560. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-3210M, Processor frequency: 2.5 GHz. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 4 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 500 GB, Storage media: HDD, Optical drive type: DVD-RW. Operating system installed: Windows 7 Professional. Product colour: Black, Silver

| Design | |
|---|---|
| Product type * | Laptop |
| Product colour * | Black, Silver |
| Form factor * | Clamshell |

| Display | |
|---|---|
| Display diagonal * | 39.6 cm (15.6") |
| Display resolution * | 1920 x 1080 pixels |
| Touchscreen * | ✗ |
| HD type | Full HD |
| LED backlight | ✔ |
| Native aspect ratio | 16:9 |

| Processor | |
|---|---|
| Processor manufacturer * | Intel |
| Processor family * | Intel® Core™ i5 |
| Processor generation | 3rd gen Intel® Core™ i5 |
| Processor model * | i5-3210M |
| Processor cores | 2 |
| Processor threads | 4 |
| Processor boost frequency | 3.1 GHz |
| Processor frequency * | 2.5 GHz |
| System bus rate | 5 GT/s |
| Processor cache | 3 MB |
| Processor cache type | Smart Cache |
| Processor socket | BGA 1023 |
| Processor lithography | 22 nm |
| Processor operating modes | 64-bit |
| Processor series | Intel Core i5-3200 Mobile series |
| Processor codename | Ivy Bridge |
| Bus type | DMI |
| FSB Parity | ✗ |
| Stepping | L1 |
| Thermal Design Power (TDP) | 35 W |
| Tjunction | 105 °C |

| Ports & interfaces | |
|---|---|
| SmartCard slot | ✗ |

| Performance | |
|---|---|
| Motherboard chipset | Intel HM77 Express |

| Keyboard | |
|---|---|
| Pointing device | Touchpad |
| Numeric keypad * | ✗ |
| Keyboard layout | QWERTZ |

| Software | |
|---|---|
| Operating system architecture | 64-bit |
| Operating system installed * | Windows 7 Professional |

| Processor special features | |
|---|---|
| Intel® Wireless Display (Intel® WiDi) | ✔ |
| Intel® My WiFi Technology (Intel® MWT) | ✔ |
| Intel® Anti-Theft Technology (Intel® AT) | ✔ |
| Intel® Identity Protection Technology (Intel® IPT) | ✔ |
| Intel® Hyper Threading Technology (Intel® HT Technology) | ✔ |
| Intel® Turbo Boost Technology | 2.0 |
| Intel® Small Business Advantage (Intel® SBA) | ✗ |
| Enhanced Intel SpeedStep Technology | ✔ |
| Intel® Clear Video HD Technology (Intel® CVT HD) | ✔ |
| Intel Clear Video Technology | ✗ |
| Intel® InTru™ 3D Technology | ✔ |
| Intel® Insider™ | ✔ |
| Intel® Quick Sync Video Technology | ✔ |
| Intel Flex Memory Access | ✔ |

## Processor

| | |
|---|---|
| Maximum number of PCI Express lanes | 16 |
| PCI Express slots version | 3.0 |
| PCI Express configurations | 1x16, 2x8, 1x8+2x4 |
| CPU multiplier (bus/core ratio) | 25 |
| ECC supported by processor | ✘ |

## Memory

| | |
|---|---|
| Internal memory * | 4 GB |
| Internal memory type | DDR3-SDRAM |
| Memory clock speed | 1333 MHz |
| Memory layout (slots x size) | 2 x 2 GB |
| Maximum internal memory * | 16 GB |

## Storage

| | |
|---|---|
| Total storage capacity * | 500 GB |
| Storage media * | HDD |
| Number of HDDs installed | 1 |
| HDD capacity | 500 GB |
| HDD interface | SATA |
| Optical drive type * | DVD-RW |
| Card reader integrated | ✔ |

## Graphics

| | |
|---|---|
| Discrete graphics card model * | AMD Radeon HD 7670M |
| On-board graphics card * | ✔ |
| Discrete graphics card * | ✔ |
| On-board graphics card family | Intel® HD Graphics |
| On-board graphics card model * | Intel® HD Graphics 4000 |
| On-board graphics card base frequency | 650 MHz |
| On-board graphics card dynamic frequency (max) | 1100 MHz |
| On-board graphics card ID | 0x166 |

## Audio

| | |
|---|---|
| Number of built-in speakers | 2 |
| Speaker power | 4 W |

## Camera

| | |
|---|---|
| Front camera resolution (numeric) | 1.3 MP |

## Network

| | |
|---|---|
| Wi-Fi | ✔ |
| Wi-Fi standards | Wi-Fi 4 (802.11n) |
| Ethernet LAN | ✔ |
| Ethernet LAN data rates | 10,100,1000 Mbit/s |
| Bluetooth | ✔ |
| Bluetooth version | 4.0 |

## Ports & interfaces

| | |
|---|---|
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 3 |
| Ethernet LAN (RJ-45) ports | 1 |
| HDMI ports quantity * | 1 |
| Mini DisplayPorts quantity | 1 |
| DVI port | ✘ |
| S/PDIF out port | ✘ |
| Microphone in | ✘ |
| Combo headphone/mic port | ✔ |
| Docking connector | ✘ |
| ExpressCard slot | ✘ |
| CardBus PCMCIA slot type | ✘ |

## Processor special features

| | |
|---|---|
| Intel® Smart Cache | ✔ |
| Intel® AES New Instructions (Intel® AES-NI) | ✔ |
| Intel Trusted Execution Technology | ✘ |
| Intel Enhanced Halt State | ✔ |
| Intel VT-x with Extended Page Tables (EPT) | ✔ |
| Intel Demand Based Switching | ✘ |
| Intel® Secure Key | ✔ |
| Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID) | ✘ |
| Intel 64 | ✔ |
| Execute Disable Bit | ✔ |
| Idle States | ✔ |
| Thermal Monitoring Technologies | ✔ |
| Processor package size | 31.0 x 24.0 (BGA1023) |
| Supported instruction sets | AVX |
| Processor code | SR0N0 |
| CPU configuration (max) | 1 |
| Embedded options available | ✘ |
| Graphics & IMC lithography | 22 nm |
| Intel Virtualization Technology for Directed I/O (VT-d) | ✔ |
| Intel Identity Protection Technology version | 1.00 |
| Intel Secure Key Technology version | 1.00 |
| Intel Virtualization Technology (VT-x) | ✔ |
| Intel Dual Display Capable Technology | ✔ |
| Intel FDI Technology | ✔ |
| Intel Rapid Storage Technology | ✘ |
| Intel Fast Memory Access | ✔ |
| Processor ARK ID | 65708 |
| Conflict-Free processor | ✔ |
| Integrated 4G WiMAX | ✔ |

## Battery

| | |
|---|---|
| Number of battery cells | 6 |

## Power

| | |
|---|---|
| AC adapter power | 65 W |
| DC-in jack | ✔ |

## Security

| | |
|---|---|
| Cable lock slot | ✘ |

## Weight & dimensions

| | |
|---|---|
| Width | 375 mm |
| Depth | 260 mm |
| Height (front) | 3.48 cm |
| Height (rear) | 3.48 cm |
| Weight * | 2.48 kg |

## Packaging content

| | |
|---|---|
| AC adapter included * | ✔ |

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