

**ASUS K55VD-SX032V Intel® Core™ i7 i7-3610QM 39.6 cm (15.6")
HD 4 GB DDR3-SDRAM 500 GB HDD NVIDIA® GeForce® GT 610M
Windows 7 Home Premium Black, Brown**



Brand : ASUS

Product code: 90N8DC514S522BVL125

Product name : K55VD-SX032V

15.6" HD LED, 1366x768, Intel Core i7-3610QM (6M Cache, up to 3.30 GHz), 4 (1x4) GB DDR3 1600MHz, 500GB SATA, Nvidia GeForce GT610M 2048MB DDR3, DVD-SM DL, 0.3MP Webcam, Gigabit Ethernet, 802.11 b/g/n, 6-Cell, Windows 7 Home Premium, Black/Brown
ASUS K55VD-SX032V. Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor: i7-3610QM, Processor frequency: 2.3 GHz. Display diagonal: 39.6 cm (15.6"), HD type: HD, Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 500 GB, Storage media: HDD, Optical drive type: DVD Super Multi DL. On-board graphics card model: Intel® HD Graphics 4000. Operating system installed: Windows 7 Home Premium. Product colour: Black, Brown

| Design | | Ports & interfaces | |
|-------------------------------|----------------------------------|--|------------------------|
| Product colour * | Black, Brown | CardBus PCMCIA slot type | × |
| Form factor * | Clamshell | SmartCard slot | × |
| Display | | TV-out | × |
| Display diagonal * | 39.6 cm (15.6") | Performance | |
| Display resolution * | 1366 x 768 pixels | Motherboard chipset | Intel HM76 Express |
| HD type | HD | Keyboard | |
| LED backlight | ✓ | Pointing device | Touchpad |
| Native aspect ratio | 16:9 | Numeric keypad * | ✓ |
| Processor | | Software | |
| Processor manufacturer * | Intel | Operating system architecture | 64-bit |
| Processor family * | Intel® Core™ i7 | Operating system installed * | Windows 7 Home Premium |
| Processor generation | 3rd gen Intel® Core™ i7 | Processor special features | |
| Processor * | i7-3610QM | Intel Wireless Display (WiDi) Technology | ✓ |
| Processor number of cores | 4 | Intel My WiFi Technology | ✓ |
| Processor threads | 8 | Intel Anti-Theft Technology | ✓ |
| Processor boost frequency | 3.3 GHz | Intel Identity Protection Technology | ✓ |
| Processor frequency * | 2.3 GHz | Intel Hyper-Threading Technology | ✓ |
| System bus data transfer rate | 5 GT/s | Intel Turbo Boost Technology | 2.0 |
| Processor cache | 6 MB | Enhanced Intel SpeedStep Technology | ✓ |
| Processor cache type | Smart Cache | Intel Clear Video HD Technology | ✓ |
| Processor socket | Socket G2 | Intel Clear Video Technology | × |
| Processor lithography | 22 nm | Intel® InTru™ 3D Technology | ✓ |
| Processor operating modes | 64-bit | Intel® Insider™ | ✓ |
| Processor series | Intel Core i7-3600 Mobile series | Intel® Quick Sync Video Technology | ✓ |
| Processor codename | Ivy Bridge | | |
| Bus type | DMI | | |
| FSB Parity | × | | |
| Thermal Design Power (TDP) | 45 W | | |

| Processor | | Processor special features | |
|--|---|---|------------------------|
| Tjunction | 105 C | Intel Flex Memory Access | ✓ |
| Maximum number of PCI Express lanes | 16 | Intel AES New Instructions | ✓ |
| PCI Express slots version | 3.0 | Intel Trusted Execution Technology | ✗ |
| PCI Express configurations | 1x16, 2x8 | Intel Enhanced Halt State | ✓ |
| CPU multiplier (bus/core ratio) | 23 | Intel VT-x with Extended Page Tables (EPT) | ✓ |
| ECC supported by processor | ✗ | Intel Demand Based Switching | ✗ |
| Memory | | Intel® Secure Key | ✓ |
| Internal memory * | 4 GB | Intel Clear Video Technology for MID | ✗ |
| Internal memory type | DDR3-SDRAM | Intel 64 | ✓ |
| Memory clock speed | 1600 MHz | Execute Disable Bit | ✓ |
| Memory slots | 2x SO-DIMM | Idle States | ✓ |
| Memory slots (available) | 1 | Thermal Monitoring Technologies | ✓ |
| Maximum internal memory * | 8 GB | Processor package size | 37.5 x 37.5 (rPGA988B) |
| Storage | | Supported instruction sets | AVX |
| Total storage capacity * | 500 GB | CPU configuration (max) | 1 |
| Storage media * | HDD | Embedded options available | ✗ |
| Number of hard drives installed | 1 | Graphics & IMC lithography | 22 nm |
| Hard drive capacity | 500 GB | Intel Virtualization Technology for Directed I/O (VT-d) | ✗ |
| Hard drive interface | SATA | Intel Identity Protection Technology version | 1.00 |
| Hard drive size | 2.5" | Intel Secure Key Technology version | 1.00 |
| Optical drive type * | DVD Super Multi DL | Intel Virtualization Technology (VT-x) | ✓ |
| Card reader integrated | ✓ | Intel Dual Display Capable Technology | ✓ |
| Compatible memory cards | MMC, SD | Intel FDI Technology | ✓ |
| Graphics | | Intel Rapid Storage Technology | ✗ |
| Discrete graphics card model * | NVIDIA® GeForce® GT 610M | Intel Fast Memory Access | ✓ |
| Discrete graphics card memory | 2 GB | Processor ARK ID | 64899 |
| Discrete graphics memory type | GDDR3 | Conflict-Free processor | ✓ |
| On-board graphics card * | ✓ | Integrated 4G WiMAX | ✓ |
| Discrete graphics card * | ✓ | Battery | |
| On-board graphics card family | Intel® HD Graphics | Number of battery cells | 6 |
| On-board graphics card model * | Intel® HD Graphics 4000 | Battery performance | 4700 mAh |
| On-board graphics card base frequency | 650 MHz | Battery capacity * | 50 Wh |
| On-board graphics card dynamic frequency (max) | 1100 MHz | Energy Management | |
| On-board graphics card ID | 0x166 | AC adapter power | 90 W |
| Number of discrete graphics cards | 1 | AC adapter frequency | 50 - 60 Hz |
| Audio | | AC adapter input voltage | 100 - 240 V |
| Audio system | HD | AC adapter output current | 50 A |
| Speakers manufacturer | Altec Lansing | AC adapter output voltage | 19 V |
| Built-in microphone | ✓ | DC-in jack | ✓ |
| Camera | | Security | |
| Front camera resolution (numeric) | 0.3 MP | Cable lock slot | ✓ |
| Network | | Cable lock slot type | Kensington |
| Wi-Fi | ✓ | Password protection type | BIOS, HDD, User |
| Networking features | Gigabit Ethernet | Weight & Dimensions | |
| Wi-Fi standards | 802.11b, 802.11g, Wi-Fi 4 (802.11n) | Width | 378 mm |
| Ethernet LAN connection | ✓ | Depth | 251 mm |
| Ethernet LAN data rates | 10,100,1000 Mbit/s | Height (front) | 2.55 cm |
| Bluetooth | ✓ | Height (rear) | 3.19 cm |
| Cabling technology | 10/100/1000Base-T(X) | Weight * | 2.52 kg |
| Network standard | IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.3, IEEE 802.3ab, IEEE 802.3u | Packaging Content | |
| Ports & interfaces | | AC adapter bundled * | ✓ |
| USB 2.0 ports quantity * | 1 | | |

| Ports & interfaces | | Packaging Content | |
|---|---|------------------------------|------------------|
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2 | Cables included | AC |
| Ethernet LAN (RJ-45) ports quantity | 1 | Manual | ✓ |
| HDMI ports quantity * | 1 | Quick start guide | ✓ |
| DVI port | ✗ | Other features | |
| VGA (D-Sub) ports quantity | 1 | Wireless technology | Wi-Fi |
| Headphone outputs | 1 | Infrared data port | ✗ |
| S/PDIF out port | ✗ | Graphics card family | Intel, NVIDIA |
| Microphone in | ✓ | Type | PC |
| ExpressCard slot | ✗ | Power supply type | AC/DC |
| | | Compatible operating systems | Windows 7 |
| | | Ethernet interface type | Gigabit Ethernet |

Catalog Object Cloud



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