

**ASUS K52JT-SX067V 15.6" i3 i7-740QM 39.6 cm (15.6") 4 GB  
DDR3-SDRAM 640 GB HDD AMD Radeon HD 6370M Windows 7  
Home Premium**

Brand : ASUS

Model : 90N1WA165H1F33VM13I

SKU : K52JT-SX067V

ASUS K52JT-SX067V. Processor: Intel® Core™ i3, Model: i7-740QM, Frequency: 1.73 GHz. Display: 39.6 cm (15.6"), Resolution: 1366 x 768 pixels. Memory: 4 GB, Type: DDR3-SDRAM. Storage: 640 GB, Type: HDD, Optical: DVD Super Multi. Graphics: AMD Radeon HD 6370M. Operating System: Windows 7 Home Premium. Weight: 2.62 kg



| Design                     |                                 | Keyboard   |                        |
|----------------------------|---------------------------------|--|------------------------|
| Product colour *           | Brown                           | Pointing device  | Touchpad               |
| Display                    |                                 | Numeric keypad *   | ✓                      |
| Display diagonal *         | 39.6 cm (15.6")                 | Full-size keyboard                                       | ✓                      |
| Display resolution *       | 1366 x 768 pixels               | Software   |                        |
| LED backlight              | ✓                               | Operating system architecture                            | 64-bit                 |
| Native aspect ratio        | 16:9                            | Operating system installed *                             | Windows 7 Home Premium |
| 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       | Intel® Core™ i7                 | Intel® Anti-Theft Technology (Intel® AT)                 | ✗                      |
| Processor model *          | i7-740QM                        | Intel® Hyper Threading Technology (Intel® HT Technology) | ✓                      |
| Processor cores            | 4                               | Intel® Turbo Boost Technology                            | 1.0                    |
| Processor threads          | 8                               | Enhanced Intel SpeedStep Technology                      | ✓                      |
| Processor boost frequency  | 2.93 GHz                        | Intel® Clear Video HD Technology (Intel® CVT HD)         | ✗                      |
| Processor frequency *      | 1.73 GHz                        | Intel Clear Video Technology                             | ✗                      |
| System bus rate            | 2.5 GT/s                        | Intel® InTru™ 3D Technology                              | ✗                      |
| Processor cache            | 6 MB                            | Intel® Insider™  | ✗                      |
| Processor cache type       | Smart Cache                     | Intel® Quick Sync Video Technology                       | ✗                      |
| Processor socket           | Socket 988                      | Intel Flex Memory Access                                 | ✗                      |
| Processor lithography      | 45 nm                           | Intel® Smart Cache                                       | ✓                      |
| Processor operating modes  | 64-bit                          | Intel® AES New Instructions (Intel® AES-NI)              | ✗                      |
| Processor series           | Intel Core i7-700 Mobile Series |  |                        |
| Processor codename         | Clarksfield                     |  |                        |
| Bus type                   | DMI                             |  |                        |
| FSB Parity                 | ✗                               |  |                        |
| Stepping                   | B1                              |  |                        |
| Thermal Design Power (TDP) | 45 W                            |  |                        |
| Tjunction                  | 100 °C                          |  |                        |

| Processor                            |                                     | Processor special features  |                      |
|--------------------------------------|-------------------------------------|---|----------------------|
| Maximum number of PCI Express lanes  | 16                                  | Intel Trusted Execution Technology  | ✓                    |
| PCI Express slots version            | 2                                   | Intel Enhanced Halt State   | ✓                    |
| PCI Express configurations           | 1x16, 2x8                           | Intel VT-x with Extended Page Tables (EPT)                                    | ✓                    |
| Number of Processing Die Transistors | 774 M                               | Intel Demand Based Switching  | ✗                    |
| Processing Die size                  | 296 mm²                             | Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID) | ✗                    |
| CPU multiplier (bus/core ratio)      | 13                                  | Intel 64  | ✓                    |
| ECC supported by processor           | ✗                                   | Execute Disable Bit   | ✓                    |
| Memory                               |                                     | Idle States   | ✓                    |
| Internal memory *                    | 4 GB                                | Thermal Monitoring Technologies   | ✓                    |
| Internal memory type                 | DDR3-SDRAM                          | Processor package size  | 37.5 x 37.5 mm       |
| Memory slots                         | 2x SO-DIMM                          | Supported instruction sets  | SSE4.2               |
| Maximum internal memory *            | 8 GB                                | Processor code  | SLBQG                |
| Storage                              |                                     | Physical Address Extension (PAE)  | ✓                    |
| Total storage capacity *             | 640 GB                              | Physical Address Extension (PAE)  | 36 bit               |
| Storage media *                      | HDD                                 | CPU configuration (max)   | 1                    |
| Number of HDDs installed             | 1                                   | Embedded options available  | ✗                    |
| HDD capacity                         | 640 GB                              | Intel Virtualization Technology for Directed I/O (VT-d)                       | ✓                    |
| HDD interface                        | SATA                                | Intel Virtualization Technology (VT-x)  | ✓                    |
| HDD speed                            | 5400 RPM                            | Intel Dual Display Capable Technology   | ✗                    |
| Optical drive type *                 | DVD Super Multi                     | Intel FDI Technology  | ✗                    |
| Card reader integrated               | ✓                                   | Intel Rapid Storage Technology  | ✗                    |
| Compatible memory cards              | Memory Stick (MS), MMC, SD          | Intel Fast Memory Access  | ✗                    |
| Graphics                             |                                     | Processor ARK ID  | 49024                |
| Discrete graphics card model *       | AMD Radeon HD 6370M                 | Conflict-Free processor   | ✗                    |
| Discrete graphics memory type        | GDDR3                               | Battery   |                      |
| On-board graphics card *             | ✗                                   | Battery technology  | Lithium-Ion (Li-Ion) |
| Discrete graphics card *             | ✓                                   | Number of battery cells   | 6                    |
| On-board graphics card model *       | Not available                       | Battery capacity  | 4400 mAh             |
| Audio                                |                                     | Battery capacity *  | 47 Wh                |
| Audio system                         | SRS Premium                         | Power   |                      |
| Speakers manufacturer                | Altec Lansing                       | AC adapter power  | 90 W                 |
| Built-in microphone                  | ✓                                   | AC adapter frequency  | 50 - 60 Hz           |
| Camera                               |                                     | DC-in jack  | ✓                    |
| Front camera resolution (numeric)    | 0.3 MP                              | Security  |                      |
| Network                              |                                     | Cable lock slot   | ✓                    |
| Wi-Fi                                | ✓                                   | Cable lock slot type  | Kensington           |
| Wi-Fi standards                      | 802.11b, 802.11g, Wi-Fi 4 (802.11n) | Password protection type  | BIOS, HDD            |
| Ethernet LAN                         | ✓                                   | Weight & dimensions   |                      |
| Bluetooth                            | ✗                                   | Width   | 380 mm               |
| Cabling technology                   | 10/100/1000Base-T(X)                | Depth   | 255 mm               |
| Ports & interfaces                   |                                     | Height (front)  | 3.4 cm               |
| USB 2.0 ports quantity *             | 3                                   | Height (rear)   | 3.56 cm              |
| Ethernet LAN (RJ-45) ports           | 1                                   | Weight *  | 2.62 kg              |
| HDMI ports quantity *                | 1                                   | Packaging content   |                      |
| DVI port                             | ✗                                   | AC adapter included *   | ✓                    |
| VGA (D-Sub) ports quantity           | 1                                   | Other features  |                      |
| Headphone outputs                    | 1                                   | LightScribe   | ✗                    |
| S/PDIF out port                      | ✗                                   | Infrared data port  | ✗                    |
| Microphone in                        | ✓                                   | Graphics card family  | AMD                  |
| Docking connector                    | ✗                                   | Power requirements  | 100 - 240 V AC       |
| ExpressCard slot                     | ✗                                   |   |                      |
| CardBus PCMCIA slot type             | ✗                                   |   |                      |
| SmartCard slot                       | ✗                                   |   |                      |

Ports & interfaces

|        |   |
|--------|---|
| TV-out | × |
|--------|---|

Performance

|                     |                     |
|---------------------|---------------------|
| Motherboard chipset | Intel® HM55 Express |
|---------------------|---------------------|

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