



## ASUS FX53VD-MS72 i7-7700HQ Notebook 39.6 cm (15.6") Full HD Intel® Core™ i7 8 GB 256 GB SSD NVIDIA® GeForce® GTX 1050 Wi-Fi 5 (802.11ac) Windows 10 Home Black

Brand : ASUS

Product code: 90NB0DW4-M07940

Product name : FX53VD-MS72

- Windows 10 Home
- Intel Core i7-7700HQ (6MB Cache, 2.8GHz)
- 39.6 cm (15.6") Full HD 1920 x 1080, NVIDIA GeForce GTX 1050
- 8GB & 256GB SSD

Intel Core i7-7700HQ (6MB Cache, 2.8GHz), 8GB, 256GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080, DVD±RW, Intel HD Graphics 630, NVIDIA GeForce GTX 1050, LAN, WLAN, Webcam, Windows 10 Home

ASUS FX53VD-MS72 i7-7700HQ Notebook 39.6 cm (15.6") Full HD Intel® Core™ i7 8 GB 256 GB SSD NVIDIA® GeForce® GTX 1050 Wi-Fi 5 (802.11ac) Windows 10 Home Black:



### POWER AND STYLE ON THE GO

ASUS FX53 packs the latest 7th gen Intel® processor, Windows 10, and NVIDIA® GeForce® GTX 1050 graphics in a compact and lightweight design. ASUS FX53 enables users to work efficiently from anywhere.



| Design                        |                                  | Ports & interfaces                         |                 |
|-------------------------------|----------------------------------|--|-----------------|
| Product type *                | Notebook                         | Ethernet LAN (RJ-45) ports quantity        | 1               |
| Product colour *              | Black                            | HDMI ports quantity *                      | 1               |
| Form factor *                 | Clamshell                        | Combo headphone/mic port                   | ✓               |
| Market positioning            | Gaming                           | <b>Keyboard</b>                            |                 |
| <b>Display</b>                |                                  | Pointing device                            | Touchpad        |
| Display diagonal *            | 39.6 cm (15.6")                  | Numeric keypad *                           | ✓               |
| Display resolution *          | 1920 x 1080 pixels               | Windows keys                               | ✓               |
| Touch screen *                | ✗                                | <b>Software</b>                            |                 |
| HD type                       | Full HD                          | Operating system installed *               | Windows 10 Home |
| LED backlight                 | ✓                                | <b>Processor special features</b>          |                 |
| Native aspect ratio           | 16:9                             | Intel Wireless Display (WiDi) Technology   | ✓               |
| Display surface               | Matt                             | Intel My WiFi Technology                   | ✓               |
| Dual-screen                   | ✗                                | Intel® Smart Response Technology           | ✓               |
| <b>Processor</b>              |                                  | Intel Identity Protection Technology       | ✓               |
| Processor manufacturer *      | Intel                            | Intel Hyper-Threading Technology           | ✓               |
| Processor generation          | 7th gen Intel® Core™ i7          | Intel Turbo Boost Technology               | 2.0             |
| Processor *                   | i7-7700HQ                        | Enhanced Intel SpeedStep Technology        | ✓               |
| Processor frequency *         | 2.8 GHz                          | Intel Clear Video HD Technology            | ✓               |
| Processor boost frequency     | 3.8 GHz                          | Intel Clear Video Technology               | ✓               |
| Processor family *            | Intel® Core™ i7                  | Intel® InTru™ 3D Technology                | ✓               |
| Processor number of cores     | 4                                | Intel® Quick Sync Video Technology         | ✓               |
| Processor threads             | 8                                | Intel Flex Memory Access                   | ✓               |
| System bus data transfer rate | 8 GT/s                           | Intel® Smart Cache                         | ✓               |
| Processor cache               | 6 MB                             | Intel AES New Instructions                 | ✓               |
| Processor cache type          | Smart Cache                      | Intel Trusted Execution Technology         | ✗               |
| Processor lithography         | 14 nm                            | Intel Enhanced Halt State                  | ✓               |
| Processor operating modes     | 64-bit                           | Intel VT-x with Extended Page Tables (EPT) | ✓               |
| Processor series              | Intel Core i7-7700 Mobile Series | Intel® Secure Key                          | ✓               |
| Processor codename            | Kaby Lake                        | Intel TSX-NI                               | ✗               |
| Bus type                      | DMI3                             | Intel Stable Image Platform Program (SIPP) | ✗               |
| Motherboard chipset           | Intel® HM175                     | Intel® OS Guard                            | ✓               |
| Thermal Design Power (TDP)    | 45 W                             |  |                 |
| Configurable TDP-down         | 35 W                             |  |                 |
| Tjunction                     | 100 °C                           |  |                 |

| Processor   |  | Processor special features                              |                         |
|---|--|---|-------------------------|
| Maximum number of PCI Express lanes               | 16   | Intel Software Guard Extensions (Intel SGX)             | ✓                       |
| PCI Express slots version                         | 3.0  | Intel Clear Video Technology for MID                    | ✓                       |
| PCI Express configurations                        | 1x16, 1x8, 2x4, 2x8  | Intel 64  | ✓                       |
| ECC supported by processor                        | ✗  | Execute Disable Bit                                     | ✓                       |
| Memory  |  | Idle States   | ✓                       |
| Internal memory *                                 | 8 GB   | Thermal Monitoring Technologies                         | ✓                       |
| Memory form factor                                | SO-DIMM  | Processor package size                                  | 42 x 28 mm              |
| Memory slots                                      | 2x SO-DIMM   | Supported instruction sets                              | AVX 2.0, SSE4.1, SSE4.2 |
| Maximum internal memory *                         | 32 GB  | CPU configuration (max)                                 | 1                       |
| Storage   |  | Embedded options available                              | ✗                       |
| Total storage capacity *                          | 256 GB   | Graphics & IMC lithography                              | 14 nm                   |
| Storage media *                                   | SSD  | Intel Virtualization Technology for Directed I/O (VT-d) | ✓                       |
| Total SSDs capacity                               | 256 GB   | Intel Identity Protection Technology version            | 1.00                    |
| Number of SSDs installed                          | 1  | Intel Smart Response Technology version                 | 1.00                    |
| Solid-state drive capacity                        | 256 GB   | Intel Stable Image Platform Program (SIPP) version      | 0.00                    |
| Optical drive type *                              | DVD±RW   | Intel Secure Key Technology version                     | 1.00                    |
| Graphics  |  | Intel Small Business Advantage (SBA) version            | 1.00                    |
| Discrete graphics card model *                    | NVIDIA® GeForce® GTX 1050  | Intel TSX-NI version                                    | 0.00                    |
| On-board graphics card *                          | ✓  | Intel Virtualization Technology (VT-x)                  | ✓                       |
| Discrete graphics card *                          | ✓  | Processor ARK ID  | 97185                   |
| On-board graphics card family                     | Intel® HD Graphics   | Conflict-Free processor                                 | ✓                       |
| On-board graphics card model *                    | Intel® HD Graphics 630   | Battery   |                         |
| On-board graphics card base frequency             | 350 MHz  | Number of battery cells                                 | 4                       |
| On-board graphics card dynamic frequency (max)    | 1100 MHz   | Battery capacity (Watt-hours) *                         | 48 Wh                   |
| Maximum on-board graphics card memory             | 64 GB  | Energy Management                                       |                         |
| On-board graphics card DirectX version            | 12.0   | AC adapter power  | 120 W                   |
| On-board graphics card OpenGL version             | 4.4  | AC adapter output current                               | 6.32 A                  |
| On-board graphics card ID                         | 0x591B   | AC adapter output voltage                               | 19 V                    |
| Discrete graphics memory type                     | GDDR5  | Weight & Dimensions                                     |                         |
| Audio   |  | Width   | 383 mm                  |
| Built-in microphone                               | ✓  | Depth   | 255 mm                  |
| Camera  |  | Height  | 30 mm                   |
| Front camera                                      | ✓  | Weight *  | 2.5 kg                  |
| Network   |  |   |                         |
| Wi-Fi   | ✓  |   |                         |
| Top Wi-Fi standard *                              | Wi-Fi 5 (802.11ac)   |   |                         |
| Wi-Fi standards                                   | 802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n) |   |                         |
| Ethernet LAN connection                           | ✓  |   |                         |
| Ethernet LAN data rates                           | 10,100,1000 Mbit/s   |   |                         |
| Ports & interfaces                                |  |   |                         |
| USB 2.0 ports quantity *                          | 1  |   |                         |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2  |   |                         |



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