**SAMSUNG**

# Samsung NT900X3H-K38 laptop Intel® Core™ i3 i3-6006U 33.8 cm (13.3") Full HD 8 GB LPDDR3-SDRAM 256 GB SSD Windows 10 Home Silver

**Brand :** Samsung

**Product name :** NT900X3H-K38

**Product code:** NT900X3H-K38

Samsung NT900X3H-K38. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i3, Processor: i3-6006U, Processor frequency: 2 GHz. Display diagonal: 33.8 cm (13.3"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: LPDDR3-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel® HD Graphics 520. Operating system installed: Windows 10 Home. Product colour: Silver

## Design

| | |
|---|---|
| Product type * | Laptop |
| Product colour * | Silver |
| Form factor * | Clamshell |

## Display

| | |
|---|---|
| Display diagonal * | 33.8 cm (13.3") |
| Display resolution * | 1920 x 1080 pixels |
| Touch screen * | ✖ |
| HD type | Full HD |
| LED backlight | ✔ |

## Processor

| | |
|---|---|
| Processor manufacturer * | Intel |
| Processor family * | Intel® Core™ i3 |
| Processor generation | 6th gen Intel® Core™ i3 |
| Processor * | i3-6006U |
| Processor number of cores | 2 |
| Processor threads | 4 |
| Processor frequency * | 2 GHz |
| System bus data transfer rate | 4 GT/s |
| Processor cache | 3 MB |
| Processor cache type | Smart Cache |
| Processor socket | BGA 1356 |
| Processor lithography | 14 nm |
| Processor operating modes | 64-bit |
| Processor series | Intel Core i3-6000 Mobile Processor Series |
| Processor codename | Skylake |
| Bus type | OPI |
| Stepping | D1 |
| Thermal Design Power (TDP) | 15 W |
| Tjunction | 100 °C |
| Maximum number of PCI Express lanes | 12 |
| PCI Express slots version | 3.0 |

## Ports & interfaces

| | |
|---|---|
| Micro HDMI ports quantity | 1 |
| Combo headphone/mic port | ✔ |
| Docking connector | ✖ |

## Keyboard

| | |
|---|---|
| Pointing device | Clickpad |
| Numeric keypad * | ✖ |

## Software

| | |
|---|---|
| Operating system installed * | Windows 10 Home |

## Processor special features

| | |
|---|---|
| Intel Wireless Display (WiDi) Technology | ✔ |
| Intel My WiFi Technology | ✔ |
| Intel® Smart Response Technology | ✔ |
| Intel Identity Protection Technology | ✔ |
| Intel Hyper-Threading Technology | ✔ |
| Intel Turbo Boost Technology | ✖ |
| Intel® Small Business Advantage (Intel® SBA) | ✔ |
| Enhanced Intel SpeedStep Technology | ✔ |
| Intel Clear Video HD Technology | ✔ |
| Intel Clear Video Technology | ✔ |
| Intel® InTru™ 3D Technology | ✔ |
| Intel® Quick Sync Video Technology | ✔ |
| Intel Flex Memory Access | ✔ |
| Intel AES New Instructions | ✔ |
| Intel Trusted Execution Technology | ✖ |
| Intel Enhanced Halt State | ✔ |
| Intel VT-x with Extended Page Tables (EPT) | ✔ |
| Intel® Secure Key | ✔ |

## Processor

| | |
|---|---|
| PCI Express configurations | 1x2+2x1, 1x4, 2x2, 4x1 |
| ECC supported by processor | ✘ |

## Memory

| | |
|---|---|
| Internal memory * | 8 GB |
| Internal memory type | LPDDR3-SDRAM |
| Memory clock speed | 1866 MHz |

## Storage

| | |
|---|---|
| Total storage capacity * | 256 GB |
| Storage media * | SSD |
| Number of SSDs installed | 1 |
| Solid-state drive capacity | 256 GB |
| Optical drive type * | ✘ |
| Card reader integrated | ✔ |
| Compatible memory cards | SD, SDHC, SDXC |

## Graphics

| | |
|---|---|
| Discrete graphics card model * | Not available |
| On-board graphics card * | ✔ |
| Discrete graphics card * | ✘ |
| On-board graphics card model * | Intel® HD Graphics 520 |
| On-board graphics card base frequency | 300 MHz |
| On-board graphics card dynamic frequency (max) | 900 MHz |
| Maximum on-board graphics card memory | 32 GB |
| On-board graphics card DirectX version | 12.0 |
| On-board graphics card OpenGL version | 4.4 |
| On-board graphics card ID | 1916 |

## Audio

| | |
|---|---|
| Audio system | SoundAlive |
| Number of built-in speakers | 2 |
| Built-in microphone | ✔ |

## Camera

| | |
|---|---|
| Front camera | ✔ |

## Network

| | |
|---|---|
| Wi-Fi | ✔ |
| Wi-Fi standards | Wi-Fi 5 (802.11ac) |
| Ethernet LAN connection | ✔ |
| Ethernet LAN data rates | 10,100,1000 Mbit/s |
| Bluetooth | ✔ |
| Bluetooth version | 4.1 |

## Ports & interfaces

| | |
|---|---|
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2 |
| DVI port | ✘ |
| Mini VGA ports quantity | 1 |

## Processor special features

| | |
|---|---|
| Intel TSX-NI | ✘ |
| Intel Stable Image Platform Program (SIPP) | ✘ |
| Intel® OS Guard | ✔ |
| Intel Software Guard Extensions (Intel SGX) | ✔ |
| Intel Clear Video Technology for MID | ✔ |
| Intel 64 | ✔ |
| Execute Disable Bit | ✔ |
| Idle States | ✔ |
| Thermal Monitoring Technologies | ✔ |
| Processor package size | 42 x 24 mm |
| Supported instruction sets | AVX 2.0, SSE4.1, SSE4.2 |
| Processor code | SSSR2UW |
| CPU configuration (max) | 1 |
| Embedded options available | ✘ |
| Intel Virtualization Technology for Directed I/O (VT-d) | ✔ |
| Intel Identity Protection Technology version | 1.00 |
| Intel Smart Response Technology version | 1.00 |
| Intel Stable Image Platform Program (SIPP) version | 0.00 |
| Intel Secure Key Technology version | 1.00 |
| Intel Small Business Advantage (SBA) version | 1.00 |
| Intel TSX-NI version | 0.00 |
| Intel Virtualization Technology (VT-x) | ✔ |
| Processor ARK ID | 91157 |
| Conflict-Free processor | ✔ |

## Battery

| | |
|---|---|
| Battery capacity * | 30 Wh |

## Energy Management

| | |
|---|---|
| AC adapter power | 45 W |
| DC-in jack | ✔ |

## Weight & Dimensions

| | |
|---|---|
| Width | 313.8 mm |
| Depth | 218.5 mm |
| Height | 13.4 mm |
| Weight * | 860 g |

## Catalog Object Cloud