

ASUS Zenbook 3 UX390UA-GS101T laptop Intel® Core™ i7 i7-7500U 31,8 cm (12.5") Full HD 8 GB LPDDR3-SDRAM 512 GB SSD Wi-Fi 5 (802.11ac) Windows 10 Blue, Gold



Brand : ASUS

Product family: Zenbook

Product code: UX390UA-GS101T

Product name : UX390UA-GS101T

Intel Core i7-7500U, 12.5" FHD 1920x1080, LPDDR3 8GB, 512GB SSD, Video Camera, FingerPrint, LAN, WLAN, Bluetooth 4.1, Windows 10 (64bit)

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To say that ZenBook 3 is a new generation of ZenBook is a huge understatement — it's ZenBook reimagined for the next era of mobile computing. Every single precision component and every elegantly crafted detail has been completely re-engineered and redesigned to make ZenBook 3 the most sophisticated ZenBook yet. It's lighter, thinner, stronger, impossibly powerful — and utterly beautiful. Simply, it's the world's most incredible laptop. Say hello to ZenBook 3.

| Design | | Keyboard | |
|-------------------------------|-------------------------|--|------------|
| Product type * | Laptop | Keyboard backlight | ✓ |
| Product colour * | Blue, Gold | Full-size keyboard | ✓ |
| Form factor * | Clamshell | Windows keys | ✓ |
| Display | | Software | |
| Display diagonal * | 31,8 cm (12.5") | Operating system architecture | 64-bit |
| Display resolution * | 1920 x 1080 pixels | Operating system installed * | Windows 10 |
| Touchscreen * | ✗ | Processor special features | |
| HD type | Full HD | Intel® Wireless Display (Intel® WiDi) | ✓ |
| LED backlight | ✓ | Intel® My WiFi Technology (Intel® MWT) | ✓ |
| Native aspect ratio | 16:9 | Intel® Smart Response Technology | ✓ |
| Display surface | Gloss | Intel® Identity Protection Technology (Intel® IPT) | ✓ |
| Processor | | Intel® Hyper Threading Technology (Intel® HT Technology) | ✓ |
| Processor manufacturer * | Intel | Intel® Turbo Boost Technology | 2.0 |
| Processor family * | Intel® Core™ i7 | Intel® Small Business Advantage (Intel® SBA) | ✓ |
| Processor generation | 7th gen Intel® Core™ i7 | Enhanced Intel SpeedStep Technology | ✓ |
| Processor model * | i7-7500U | Intel® Clear Video HD Technology (Intel® CVT HD) | ✓ |
| Processor cores | 2 | Intel Clear Video Technology | ✓ |
| Processor threads | 4 | Intel® InTru™ 3D Technology | ✓ |
| Processor boost frequency | 3,5 GHz | Intel® Insider™ | ✓ |
| Processor frequency * | 2,7 GHz | Intel® Quick Sync Video Technology | ✓ |
| System bus rate | 4 GT/s | Intel Flex Memory Access | ✓ |
| Processor cache | 4 MB | Intel® AES New Instructions (Intel® AES-NI) | ✓ |
| Processor cache type | Smart Cache | Intel Trusted Execution Technology | ✗ |
| Processor socket | BGA 1356 | Intel Enhanced Halt State | ✓ |
| Processor lithography | 14 nm | Intel VT-x with Extended Page Tables (EPT) | ✓ |
| Processor operating modes | 64-bit | | |
| Processor codename | Kaby Lake | | |
| Bus type | OPI | | |
| Stepping | H0 | | |
| Thermal Design Power (TDP) | 15 W | | |
| Configurable TDP-up frequency | 2,9 GHz | | |
| Configurable TDP-up | 25 W | | |
| Configurable TDP-down | 7,5 W | | |

| Processor | | Processor special features | |
|---|------------------------|---|-------------------------|
| Configurable TDP-down frequency | 0,8 GHz | Intel® Secure Key | ✓ |
| Tjunction | 100 °C | Intel TSX-NI | ✗ |
| Maximum number of PCI Express lanes | 12 | Intel Stable Image Platform Program (SIPP) | ✗ |
| PCI Express slots version | 3.0 | Intel® OS Guard | ✓ |
| PCI Express configurations | 1x2+2x1, 1x4, 2x2, 4x1 | Intel Software Guard Extensions (Intel SGX) | ✓ |
| ECC supported by processor | ✗ | Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID) | ✓ |
| Memory | | Intel 64 | ✓ |
| Internal memory * | 8 GB | Execute Disable Bit | ✓ |
| Internal memory type | LPDDR3-SDRAM | Idle States | ✓ |
| Memory clock speed | 2133 MHz | Thermal Monitoring Technologies | ✓ |
| Memory form factor | On-board | Processor package size | 42 x 24 mm |
| Maximum internal memory * | 16 GB | Supported instruction sets | AVX 2.0, SSE4.1, SSE4.2 |
| Storage | | Processor code | SR2ZV |
| Total storage capacity * | 512 GB | CPU configuration (max) | 1 |
| Storage media * | SSD | Embedded options available | ✗ |
| Number of SSDs installed | 1 | Graphics & IMC lithography | 14 nm |
| Solid-state drive capacity | 512 GB | Intel Virtualization Technology for Directed I/O (VT-d) | ✓ |
| Optical drive type * | ✗ | Intel Identity Protection Technology version | 1,00 |
| Card reader integrated | ✗ | Intel Smart Response Technology version | 1,00 |
| Graphics | | Intel Stable Image Platform Program (SIPP) version | 0,00 |
| Discrete graphics card model * | Not available | Intel Secure Key Technology version | 1,00 |
| On-board graphics card * | ✓ | Intel TSX-NI version | 0,00 |
| Discrete graphics card * | ✗ | Intel Virtualization Technology (VT-x) | ✓ |
| On-board graphics card family | Intel® HD Graphics | Processor ARK ID | 95451 |
| On-board graphics card model * | Intel® HD Graphics 620 | Conflict-Free processor | ✓ |
| On-board graphics card base frequency | 300 MHz | Battery | |
| On-board graphics card dynamic frequency (max) | 1050 MHz | Battery technology | Lithium Polymer (LiPo) |
| Maximum on-board graphics card memory | 32 GB | Number of battery cells | 6 |
| On-board graphics card DirectX version | 12.0 | Battery capacity * | 40 Wh |
| On-board graphics card OpenGL version | 4.4 | Power | |
| On-board graphics card ID | 0x5916 | AC adapter power | 45 W |
| Audio | | AC adapter frequency | 50 - 60 Hz |
| Audio system | SonicMaster Premium | AC adapter input voltage | 100 - 240 V |
| Number of built-in speakers | 4 | AC adapter output current | 2,25 A |
| Speakers manufacturer | Harman Kardon | AC adapter output voltage | 20 V |
| Built-in microphone | ✓ | Security | |
| Camera | | Fingerprint reader | ✓ |
| Front camera | ✓ | Weight & dimensions | |
| Network | | Width | 296 mm |
| Wi-Fi | ✓ | Depth | 191,2 mm |
| Top Wi-Fi standard * | Wi-Fi 5 (802.11ac) | Height | 11,9 mm |
| Wi-Fi standards | Wi-Fi 5 (802.11ac) | Weight * | 910 g |
| Ethernet LAN | ✗ | Other features | |
| Bluetooth | ✗ | Maximum internal memory (64-bit) | 16 GB |
| Ports & interfaces | | Intel segment tagging | Enterprise |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity | 1 | | |
| DVI port | ✗ | | |
| Combo headphone/mic port | ✓ | | |
| Docking connector | ✗ | | |

Keyboard

| | |
|------------------|----------|
| Pointing device | Touchpad |
| Numeric keypad * | ✗ |

Catalog Object Cloud



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