



## DELL Latitude 7280 Intel® Core™ i7 i7-7600U Laptop 31.8 cm (12.5") Full HD 8 GB DDR4-SDRAM 256 GB SSD Wi-Fi 5 (802.11ac) Windows 10 Pro Black

Brand : DELL

Product family: Latitude

Product code: K8X0T

Product name : 7280



31.75 cm (12.5 ") FHD (1920 x 1080), Intel Core i7-7600U (4M Cache, up to 3.90 GHz), Intel HD Graphics 620, 8 GB DDR4 2400 MHz, 256 GB SSD, Gigabit LAN, WLAN, Bluetooth, FPR, SCR, USB 3.0, HDMI, 4 Cell, Windows 10 Pro 64-bit

DELL Latitude 7280. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-7600U, Processor frequency: 2.8 GHz. Display diagonal: 31.8 cm (12.5"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. Mobile network generation: 4G. Operating system installed: Windows 10 Pro. Product colour: Black



| Design                    |                         | Performance  |                  |
|---------------------------|-------------------------|--|------------------|
| Product type *            | Laptop                  | Motherboard chipset                                      | Intel SoC        |
| Product colour *          | Black                   | <b>Keyboard</b>  |                  |
| Form factor *             | Clamshell               | Pointing device  | Touchpad         |
| Market positioning        | Business                | Numeric keypad *   | ✗                |
| <b>Display</b>            |                         | Keyboard backlight                                       | ✓                |
| Display diagonal *        | 31.8 cm (12.5")         | Island-style keyboard                                    | ✓                |
| Display resolution *      | 1920 x 1080 pixels      | Full-size keyboard                                       | ✓                |
| Touchscreen *             | ✗                       | Windows keys   | ✓                |
| HD type                   | Full HD                 | <b>Software</b>  |                  |
| LED backlight             | ✓                       | Operating system architecture                            | 64-bit           |
| Native aspect ratio       | 16:9                    | Operating system language                                | Multilingual     |
| Display brightness        | 300 cd/m <sup>2</sup>   | Trial software   | Microsoft Office |
| Pixel pitch               | 0.144 x 0.144 mm        | Operating system installed *                             | Windows 10 Pro   |
| <b>Processor</b>          |                         | <b>Processor special features</b>                        |                  |
| Processor manufacturer *  | Intel                   | Intel® My WiFi Technology (Intel® MWT)                   | ✓                |
| Processor family *        | Intel® Core™ i7         | Intel® Smart Response Technology                         | ✓                |
| Processor generation      | 7th gen Intel® Core™ i7 | Intel® Identity Protection Technology (Intel® IPT)       | ✓                |
| Processor model *         | i7-7600U                | Intel® Hyper Threading Technology (Intel® HT Technology) | ✓                |
| Processor cores           | 2                       | Intel® Turbo Boost Technology                            | 2.0              |
| Processor threads         | 4                       | Enhanced Intel SpeedStep Technology                      | ✓                |
| Processor boost frequency | 3.9 GHz                 | Intel® Clear Video HD Technology (Intel® CVT HD)         | ✓                |
| Processor frequency *     | 2.8 GHz                 | Intel Clear Video Technology                             | ✓                |
| System bus rate           | 4 GT/s                  | Intel® Quick Sync Video Technology                       | ✓                |
| Processor cache           | 4 MB                    | Intel Flex Memory Access                                 | ✓                |
| Processor cache type      | Smart Cache             |  |                  |
| Processor socket          | BGA 1356                |  |                  |
| Processor lithography     | 14 nm                   |  |                  |
| Processor operating modes | 64-bit                  |  |                  |

| Processor                                      |                                  | Processor special features  |                         |
|--|----------------------------------|---|-------------------------|
| Processor series                               | Intel Core i7-7600 Mobile Series | Intel® Smart Cache  | ✓                       |
| Processor codename                             | Kaby Lake                        | Intel® AES New Instructions (Intel® AES-NI)                                   | ✓                       |
| Bus type                                       | OPI                              | Intel Trusted Execution Technology  | ✓                       |
| Stepping                                       | H0                               | Intel Enhanced Halt State   | ✓                       |
| Thermal Design Power (TDP)                     | 15 W                             | Intel VT-x with Extended Page Tables (EPT)                                    | ✓                       |
| Configurable TDP-up frequency                  | 2.9 GHz                          | Intel® Secure Key   | ✓                       |
| Configurable TDP-up                            | 25 W                             | Intel TSX-NI  | ✓                       |
| Configurable TDP-down                          | 7.5 W                            | Intel Stable Image Platform Program (SIPP)                                    | ✓                       |
| Configurable TDP-down frequency                | 0.8 GHz                          | Intel® OS Guard   | ✓                       |
| Tjunction                                      | 100 °C                           | Intel Software Guard Extensions (Intel SGX)                                   | ✓                       |
| Maximum number of PCI Express lanes            | 12                               | Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID) | ✓                       |
| PCI Express slots version                      | 3.0                              | Intel 64  | ✓                       |
| PCI Express configurations                     | 1x2, 1x4, 2x2, 2x1, 4x1          | Execute Disable Bit   | ✓                       |
| ECC supported by processor                     | ✗                                | Idle States   | ✓                       |
| <b>Memory</b>                                  |                                  | Thermal Monitoring Technologies   | ✓                       |
| Internal memory *                              | 8 GB                             | Processor package size  | 42 x 24 mm              |
| Internal memory type                           | DDR4-SDRAM                       | Supported instruction sets  | AVX 2.0, SSE4.1, SSE4.2 |
| Memory clock speed                             | 2400 MHz                         | Processor code  | SR33Z                   |
| Memory form factor                             | SO-DIMM                          | CPU configuration (max)   | 1                       |
| Memory layout (slots x size)                   | 1 x 8 GB                         | Embedded options available  | ✓                       |
| Memory slots                                   | 1x SO-DIMM                       | Graphics & IMC lithography  | 14 nm                   |
| Maximum internal memory *                      | 16 GB                            | Intel Virtualization Technology for Directed I/O (VT-d)                       | ✓                       |
| <b>Storage</b>                                 |                                  | Intel Identity Protection Technology version                                  | 1.00                    |
| Total storage capacity *                       | 256 GB                           | Intel Smart Response Technology version                                       | 1.00                    |
| Storage media *                                | SSD                              | Intel Stable Image Platform Program (SIPP) version                            | 1.00                    |
| Number of SSDs installed                       | 1                                | Intel Secure Key Technology version   | 1.00                    |
| SSD capacity                                   | 256 GB                           | Intel TSX-NI version  | 1.00                    |
| SSD interface                                  | SATA                             | Intel Virtualization Technology (VT-x)  | ✓                       |
| SSD form factor                                | M.2                              | Processor ARK ID  | 97466                   |
| Optical drive type *                           | ✗                                | Conflict-Free processor   | ✓                       |
| Card reader integrated                         | ✓                                | <b>Brand-specific features</b>  |                         |
| Compatible memory cards                        | SD                               | Dell E-Value Code   | S021L728012DEATMBB      |
| <b>Graphics</b>                                |                                  | <b>Battery</b>  |                         |
| Discrete graphics card model *                 | Not available                    | Battery technology  | Lithium                 |
| On-board graphics card *                       | ✓                                | Number of battery cells   | 4                       |
| Discrete graphics card *                       | ✗                                | Battery capacity *  | 60 Wh                   |
| On-board graphics card family                  | Intel® HD Graphics               | <b>Power</b>  |                         |
| On-board graphics card model *                 | Intel® HD Graphics 620           | AC adapter power  | 65 W                    |
| On-board graphics card base frequency          | 300 MHz                          | AC adapter frequency  | 50 - 60 Hz              |
| On-board graphics card dynamic frequency (max) | 1150 MHz                         | AC adapter input voltage  | 100 - 240 V             |
| Maximum on-board graphics card memory          | 32 GB                            | AC adapter output current   | 3.34 A                  |
| On-board graphics card DirectX version         | 12.0                             | AC adapter output voltage   | 19.5 V                  |
| On-board graphics card OpenGL version          | 4.4                              | <b>Security</b>   |                         |
| On-board graphics card ID                      | 0x5916                           | Cable lock slot   | ✓                       |
| Graphics card Open GL support                  | ✓                                | Cable lock slot type  | Noble                   |
| <b>Audio</b>                                   |                                  | Fingerprint reader  | ✓                       |
| Audio chip                                     | Realtek ALC3246                  | Password protection   | ✓                       |
| Number of built-in speakers                    | 2                                | <b>Operational conditions</b>   |                         |
| Speaker power                                  | 2 W                              | Operating temperature (T-T)   | 0 - 60 °C               |
| Built-in microphone                            | ✓                                | Storage temperature (T-T)   | -51 - 71 °C             |
| <b>Camera</b>                                  |                                  |   |                         |
| Front camera                                   | ✓                                |   |                         |
| Front camera resolution                        | 1280 x 720 pixels                |   |                         |
| Front camera signal format                     | 720p                             |   |                         |

| Camera  |                    | Operational conditions            |                 |
|---|--------------------|-----------------------------------|-----------------|
| Video capturing speed                             | 30 fps             | Operating relative humidity (H-H) | 10 - 90%        |
| <b>Network</b>                                    |                    | Storage relative humidity (H-H)   | 5 - 95%         |
| Mobile network generation                         | 4G                 | Operating altitude                | -15.2 - 3048 m  |
| 4G standard                                       | LTE                | Non-operating altitude            | -15.2 - 10668 m |
| Wi-Fi   | ✓                  | <b>Sustainability</b>             |                 |
| Top Wi-Fi standard *                              | Wi-Fi 5 (802.11ac) | Sustainability certificates       | ENERGY STAR     |
| Wi-Fi standards                                   | Wi-Fi 5 (802.11ac) | <b>Weight &amp; dimensions</b>    |                 |
| Mobile network connection *                       | ✓                  | Width                             | 304.8 mm        |
| Ethernet LAN                                      | ✓                  | Depth                             | 207.9 mm        |
| Ethernet LAN data rates                           | 10,100,1000 Mbit/s | Height                            | 17.9 mm         |
| Bluetooth   | ✓                  | Weight *                          | 1.18 kg         |
| Bluetooth version                                 | 4.1                | <b>Packaging content</b>          |                 |
| Bluetooth Low Energy (BLE)                        | ✓                  | Manual                            | ✓               |
| <b>Ports &amp; interfaces</b>                     |                    | Quick start guide                 | ✓               |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2                  | Warranty card                     | ✓               |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity * | 1                  | Power cord included               | ✓               |
| Ethernet LAN (RJ-45) ports                        | 1                  | <b>Other features</b>             |                 |
| HDMI ports quantity *                             | 1                  | AC adapter included               | ✓               |
| HDMI version                                      | 1.4                | Maximum internal memory (64-bit)  | 16 GB           |
| DVI port  | ✗                  | Intel segment tagging             | Enterprise      |
| Combo headphone/mic port                          | ✓                  |                                   |                 |
| Docking connector                                 | ✗                  |                                   |                 |
| Charging port type                                | DC-in jack         |                                   |                 |
| SmartCard slot                                    | ✓                  |                                   |                 |
| USB Sleep-and-Charge                              | ✓                  |                                   |                 |
| USB Sleep-and-Charge ports                        | 1                  |                                   |                 |



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