



# T1A Lenovo ThinkPad T480 Refurbished Intel® Core™ i5 i5-8350U Laptop 35.6 cm (14") Full HD 8 GB DDR4-SDRAM 240 GB SSD Wi-Fi 5 (802.11ac) Windows 10 Pro Black



**Brand :** T1A

**Product code:** L-T480-UK-T001

**Product name :** Lenovo ThinkPad T480 Refurbished

- You benefit from a refurbished premium product at an attractive price
- Each product is backed by three ISO Certifications: 9001, 14001,27001 for Quality Management, Environmental Management, and Security Management
- Each unit comes with a pre-installed genuine Microsoft Windows 10, ensuring you a reliable operating system on your refurbished device
- Customer Satisfaction Guarantee. If the product does not live up to the description and your expectations as an end-user, then you have the opportunity to return the product. A GDPR compliant data erased product

ThinkPad T480 Core i5-8350U 1.70GHz 240GB SSD HDD 8GB RAM 14in 1920x1080 UK Keyboard MAR WIN10 Pro Broadwell-U Integrated T1A

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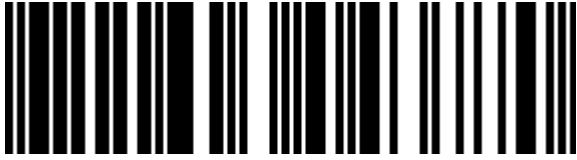
T1A is the Market Leading Refurbished product. It is suitable for professional office usage and especially for companies and users seeking a more sustainable IT profile. This product has only a few cosmetic signs of usage.

| Design                        |                         | Ports & interfaces                                       |                   |
|-------------------------------|-------------------------|--|-------------------|
| Product type *                | Laptop                  | USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *        | 1                 |
| Product colour *              | Black                   | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity          | 1                 |
| Form factor *                 | Clamshell               | Ethernet LAN (RJ-45) ports                               | 1                 |
| Refurbished                   | ✓                       | HDMI ports quantity *                                    | 1                 |
| <b>Display</b>                |                         | HDMI version   | 1.4b              |
| Display diagonal *            | 35.6 cm (14")           | Combo headphone/mic port                                 | ✓                 |
| Display resolution *          | 1920 x 1080 pixels      | Docking connector  | ✓                 |
| HD type                       | Full HD                 | USB Type-C DisplayPort Alternate Mode                    | ✓                 |
| Panel type                    | IPS                     | USB Power Delivery                                       | ✓                 |
| LED backlight                 | ✓                       | USB Sleep-and-Charge                                     | ✓                 |
| Native aspect ratio           | 16:9                    | USB Sleep-and-Charge ports                               | 1                 |
| Display brightness            | 250 cd/m²               | <b>Keyboard</b>  |                   |
| Contrast ratio (typical)      | 700:1                   | Pointing device  | ThinkPad UltraNav |
| <b>Processor</b>              |                         | Keyboard language  | UK English        |
| Processor manufacturer *      | Intel                   | Numeric keypad *   | ✗                 |
| Processor family *            | Intel® Core™ i5         | Spill-resistant keyboard                                 | ✓                 |
| Processor generation          | 8th gen Intel® Core™ i5 | <b>Software</b>  |                   |
| Processor model *             | i5-8350U                | Operating system architecture                            | 64-bit            |
| Processor cores               | 4                       | Windows 11 free upgrade                                  | ✗                 |
| Processor threads             | 8                       | Operating system installed *                             | Windows 10 Pro    |
| Processor boost frequency     | 3.6 GHz                 | <b>Processor special features</b>                        |                   |
| Processor frequency *         | 1.7 GHz                 | Intel® My WiFi Technology (Intel® MWT)                   | ✓                 |
| System bus rate               | 4 GT/s                  | Intel® Smart Response Technology                         | ✓                 |
| Processor cache               | 6 MB                    | Intel® Identity Protection Technology (Intel® IPT)       | ✓                 |
| Processor cache type          | Smart Cache             | Intel® Hyper Threading Technology (Intel® HT Technology) | ✓                 |
| Processor socket              | BGA 1356                | Intel® Turbo Boost Technology                            | 2.0               |
| Processor lithography         | 14 nm                   | Enhanced Intel SpeedStep Technology                      | ✓                 |
| Processor operating modes     | 64-bit                  |  |                   |
| Processor codename            | Kaby Lake R             |  |                   |
| Bus type                      | OPI                     |  |                   |
| Stepping                      | Y0                      |  |                   |
| Thermal Design Power (TDP)    | 15 W                    |  |                   |
| Configurable TDP-up frequency | 1.9 GHz                 |  |                   |

| Processor                                      |                                  | Processor special features  |                           |
|--|----------------------------------|---|---------------------------|
| Configurable TDP-up                            | 25 W                             | Intel® Clear Video HD Technology (Intel® CVT HD)                              | ✓                         |
| Configurable TDP-down                          | 10 W                             | Intel Clear Video Technology  | ✓                         |
| Configurable TDP-down frequency                | 0.8 GHz                          | Intel® InTru™ 3D Technology   | ✓                         |
| Tjunction                                      | 100 °C                           | Intel® Quick Sync Video Technology  | ✓                         |
| Maximum number of PCI Express lanes            | 12                               | Intel Flex Memory Access  | ✓                         |
| PCI Express slots version                      | 3.0                              | Intel® AES New Instructions (Intel® AES-NI)                                   | ✓                         |
| PCI Express configurations                     | 1x2+2x1, 1x4, 2x2, 4x1           | Intel Trusted Execution Technology  | ✓                         |
| <b>Memory</b>                                  |                                  | Intel Enhanced Halt State   | ✓                         |
| Internal memory *                              | 8 GB                             | Intel VT-x with Extended Page Tables (EPT)                                    | ✓                         |
| Internal memory type                           | DDR4-SDRAM                       | Intel® Secure Key   | ✓                         |
| Memory clock speed                             | 2400 MHz                         | Intel TSX-NI  | ✓                         |
| Memory form factor                             | SO-DIMM                          | Intel Stable Image Platform Program (SIPP)                                    | ✓                         |
| Memory slots                                   | 2x SO-DIMM                       | Intel® OS Guard   | ✓                         |
| Maximum internal memory *                      | 32 GB                            | Intel Software Guard Extensions (Intel SGX)                                   | ✓                         |
| <b>Storage</b>                                 |                                  | Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID) | ✓                         |
| Total storage capacity *                       | 240 GB                           | Intel 64  | ✓                         |
| Storage media *                                | SSD                              | Execute Disable Bit   | ✓                         |
| Total SSDs capacity                            | 240 GB                           | Idle States   | ✓                         |
| Number of SSDs installed                       | 1                                | Thermal Monitoring Technologies   | ✓                         |
| SSD capacity                                   | 240 GB                           | Processor package size  | 42 X 24 mm                |
| Optical drive type *                           | ✗                                | Supported instruction sets  | AVX 2.0, SSE4.1, SSE4.2   |
| Card reader integrated                         | ✓                                | Processor code  | SR3L9                     |
| Compatible memory cards                        | MMC, SD, SDHC, SDXC              | CPU configuration (max)   | 1                         |
| <b>Graphics</b>                                |                                  | Embedded options available  | ✗                         |
| On-board graphics card *                       | ✓                                | Intel Virtualization Technology for Directed I/O (VT-d)                       | ✓                         |
| On-board GPU manufacturer                      | Intel                            | Intel Identity Protection Technology version                                  | 1.00                      |
| On-board graphics card family                  | Intel® UHD Graphics              | Intel Smart Response Technology version                                       | 1.00                      |
| On-board graphics card model *                 | Intel® UHD Graphics 620          | Intel Stable Image Platform Program (SIPP) version                            | 1.00                      |
| On-board graphics card base frequency          | 300 MHz                          | Intel Secure Key Technology version   | 1.00                      |
| On-board graphics card dynamic frequency (max) | 1100 MHz                         | Intel TSX-NI version  | 1.00                      |
| Maximum on-board graphics card memory          | 32 GB                            | Intel Virtualization Technology (VT-x)  | ✓                         |
| On-board graphics card DirectX version         | 12.0                             | Processor ARK ID  | 124969                    |
| On-board graphics card OpenGL version          | 4.4                              | Conflict-Free processor   | ✓                         |
| On-board graphics card ID                      | 0x5917                           | <b>Battery</b>  |                           |
| <b>Audio</b>                                   |                                  | Battery technology  | Lithium-Ion (Li-Ion)      |
| Audio system                                   | Dolby Audio Premium              | <b>Security</b>   |                           |
| Number of built-in speakers                    | 2                                | Cable lock slot   | ✓                         |
| Speaker power                                  | 2 W                              | Trusted Platform Module (TPM)   | ✓                         |
| Built-in subwoofer                             | ✗                                | Password protection   | ✓                         |
| Built-in microphone                            | ✓                                | Password protection type  | HDD, Power on, Supervisor |
| <b>Camera</b>                                  |                                  | <b>Weight &amp; dimensions</b>  |                           |
| Front camera                                   | ✓                                | Width   | 336.6 mm                  |
| Front camera HD type                           | HD                               | Depth   | 232.5 mm                  |
| <b>Network</b>                                 |                                  | Height  | 19.9 mm                   |
| Top Wi-Fi standard *                           | Wi-Fi 5 (802.11ac)               |   |                           |
| Wi-Fi standards                                | Wi-Fi 5 (802.11ac)               |   |                           |
| Antenna type                                   | 2x2                              |   |                           |
| WLAN controller model                          | Intel Dual Band Wireless-AC 8265 |   |                           |
| Ethernet LAN                                   | ✓                                |   |                           |
| 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



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