## ₽TlA

**Brand:** T1A

## T1A ThinkPad Lenovo T470 Refurbished i5-6200U Notebook 35.6 cm (14") Full HD Intel® Core™ i5 8 GB DDR4-SDRAM 256 GB SSD Wi-Fi 5 (802.11ac) Windows 10 Pro Black

₽T<mark>|</mark>A

Product name : Lenovo

**Product family:** ThinkPad

Product code: L-T470-UK-T001

ThinkPad T470 Refurbished

Lenovo T470, Intel Core i5-6200U 2.40GHz, WIFI, 256GB SSD 8GB RAM, No ODD, 14in 1920x1080, UK Keyboard, MAR WIN10 Pro, Broadwell-U Integrated, T1A, 64BIT



T1A ThinkPad Lenovo T470 Refurbished i5-6200U Notebook 35.6 cm (14") Full HD Intel® Core $^{\text{m}}$  i5 8 GB DDR4-SDRAM 256 GB SSD Wi-Fi 5 (802.11ac) Windows 10 Pro Black:

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.

- Each product is backed by five ISO Certifications: 9001 for Quality Management, 14001 for Environmental Management, 27001 for Security Management, 37001 for Anti-Bribery Management, and 45001 for Occupational Health and Safety.
- 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.

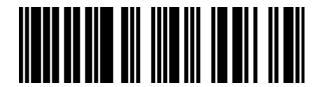
Design		Ports & interfaces	
Product type * Product colour * Form factor * Housing material Market positioning Refurbished	Notebook Black Clamshell Glass-reinforced plastic (GRP), Glass fibre Business	Microphone in Combo headphone/mic port Docking connector Charging port type USB Sleep-and-Charge USB Sleep-and-Charge ports	X  V  DC-in jack  1
	•	Keyboard	
isplay isplay diagonal * 35.6 cm (14") isplay resolution * 1920 x 1080 pixels ouchscreen * X D type Full HD	Pointing device Keyboard language Numeric keypad * Spill-resistant keyboard Windows keys	ThinkPad UltraNav UK English	
LED backlight  Native aspect ratio	<b>√</b> 16:9	Software	
Display surface	Matt	Operating system architecture Operating system installed *	64-bit Windows 10 Pro
Processor		Processor special features	
Processor manufacturer * Processor generation Processor model * Processor family * Processor frequency * Processor boost frequency	on 6th gen Intel® Core™ i5 i5-6200U Intel® Core™ i5 cy * 2.3 GHz	Intel® Wireless Display (Intel® WiDi) Intel® My WiFi Technology (Intel® MWT) Intel® Smart Response Technology	✓ ✓
Processor threads	2.8 GHZ 4	Intel® Identity Protection Technology (Intel® IPT)	✓
System bus rate Processor cores	4 GT/s 2	Intel® Hyper Threading Technology (Intel® HT Technology)	<b>✓</b>
Processor cache Processor cache type Processor socket	3 MB Smart Cache LGA 1356 (Socket B2)	Intel® Turbo Boost Technology Intel® Small Business Advantage (Intel® SBA)	2.0 ✓
Processor lithography	14 nm	Enhanced Intel SpeedStep Technology	✓
Processor operating modes Processor series	64-bit Intel Core i5-6200 series	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor codename	Skylake	Intel Clear Video Technology	✓

Processor		Drococcor crossed fortures	
Processor	ON	Processor special features	,
Bus type Stopping	QPI D1	Intel® InTru™ 3D Technology Intel® Insider™	1
Stepping Thermal Design Power (TDP)	D1 15 W	Intel® Quick Sync Video Technology	1
Configurable TDP-up frequency	2.4 GHz	Intel Flex Memory Access	1
Configurable TDP-up	25 W	Intel® Smart Cache	,
Configurable TDP-down	7.5 W	Intel® AES New Instructions (Intel®	
Configurable TDP-down frequency	0.8 GHz	AES-NI)	<b>*</b>
Tjunction	100 °C	Intel Trusted Execution Technology	×
Maximum number of PCI Express	12	Intel Enhanced Halt State	✓
lanes		Intel VT-x with Extended Page Tables (EPT)	✓
PCI Express slots version PCI Express configurations	3.0 1x4, 4x1	Intel® Secure Key	/
ECC supported by processor	X	Intel TSX-NI	×
2.	^	Intel Stable Image Platform Program	•
Memory		(SIPP)	<u></u>
Internal memory *	8 GB	Intel® OS Guard	<b>V</b>
Internal memory type	DDR4-SDRAM	Intel Software Guard Extensions (Intel SGX)	✓
Memory clock speed Memory form factor	2133 MHz SO-DIMM	Intel® Clear Video Technology for	
Memory slots	2x SO-DIMM	Mobile Internet Devices (Intel CVT	✓
Maximum internal memory *	32 GB	for MID) Intel 64	,
Storage		Execute Disable Bit	1
-	DEC CD	Idle States	,
Total storage capacity * Storage media *	256 GB SSD	Thermal Monitoring Technologies	<b>V</b>
Total SSDs capacity	256 GB	Processor package size	42 X 24 mm
Number of SSDs installed	1	Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
SSD capacity	256 GB	Processor code	SR2EY
Optical drive type *	×	CPU configuration (max)	1
Card reader integrated	✓	Embedded options available	×
Compatible memory cards	MMC, SD, SDHC, SDXC	Graphics & IMC lithography	14 nm
Graphics		Intel Virtualization Technology for Directed I/O (VT-d)	✓
<b>Graphics</b> Discrete graphics card model *	Not available	Directed I/O (VT-d) Intel Identity Protection Technology	
•	Not available ✓	Directed I/O (VT-d) Intel Identity Protection Technology version	1.00
Discrete graphics card model * On-board graphics card * Discrete graphics card *	√ <b>×</b>	Directed I/O (VT-d) Intel Identity Protection Technology version Intel Smart Response Technology	
Discrete graphics card model * On-board graphics card * Discrete graphics card * On-board graphics card family	✓ <b>X</b> Intel® HD Graphics	Directed I/O (VT-d) Intel Identity Protection Technology version Intel Smart Response Technology version	1.00
Discrete graphics card model * On-board graphics card * Discrete graphics card * On-board graphics card family On-board graphics card model *	√ <b>×</b>	Directed I/O (VT-d) Intel Identity Protection Technology version Intel Smart Response Technology version Intel Stable Image Platform Program (SIPP) version	1.00 1.00 0.00
Discrete graphics card model * On-board graphics card * Discrete graphics card * On-board graphics card family On-board graphics card model * On-board graphics card base	✓ <b>X</b> Intel® HD Graphics	Directed I/O (VT-d) Intel Identity Protection Technology version Intel Smart Response Technology version Intel Stable Image Platform Program (SIPP) version Intel Secure Key Technology version	1.00 1.00 0.00
Discrete graphics card model * On-board graphics card * Discrete graphics card * On-board graphics card family On-board graphics card model * On-board graphics card base frequency On-board graphics card dynamic	✓ X Intel® HD Graphics Intel® HD Graphics 520 300 MHz	Directed I/O (VT-d) Intel Identity Protection Technology version Intel Smart Response Technology version Intel Stable Image Platform Program (SIPP) version Intel Secure Key Technology version Intel Small Business Advantage	1.00 1.00 0.00
Discrete graphics card model * On-board graphics card * Discrete graphics card * On-board graphics card family On-board graphics card model * On-board graphics card base frequency On-board graphics card dynamic frequency (max)	✓ X Intel® HD Graphics Intel® HD Graphics 520	Directed I/O (VT-d) Intel Identity Protection Technology version Intel Smart Response Technology version Intel Stable Image Platform Program (SIPP) version Intel Secure Key Technology version Intel Small Business Advantage (SBA) version	1.00 1.00 0.00 1.00
Discrete graphics card model * On-board graphics card * Discrete graphics card * On-board graphics card family On-board graphics card model * On-board graphics card base frequency On-board graphics card dynamic frequency (max) Maximum on-board graphics card	✓ X Intel® HD Graphics Intel® HD Graphics 520 300 MHz	Directed I/O (VT-d) Intel Identity Protection Technology version Intel Smart Response Technology version Intel Stable Image Platform Program (SIPP) version Intel Secure Key Technology version Intel Small Business Advantage	1.00 1.00 0.00 1.00 1.00
Discrete graphics card model * On-board graphics card * Discrete graphics card * On-board graphics card family On-board graphics card model * On-board graphics card base frequency On-board graphics card dynamic frequency (max) Maximum on-board graphics card memory	Intel® HD Graphics Intel® HD Graphics 520 300 MHz 1000 MHz 1.74 GB	Directed I/O (VT-d) Intel Identity Protection Technology version Intel Smart Response Technology version Intel Stable Image Platform Program (SIPP) version Intel Secure Key Technology version Intel Small Business Advantage (SBA) version Intel TSX-NI version Intel Virtualization Technology (VT-x)	1.00 1.00 0.00 1.00 1.00
Discrete graphics card model * On-board graphics card * Discrete graphics card * On-board graphics card family On-board graphics card model * On-board graphics card base frequency On-board graphics card dynamic frequency (max) Maximum on-board graphics card	Intel® HD Graphics Intel® HD Graphics 520 300 MHz 1000 MHz	Directed I/O (VT-d) Intel Identity Protection Technology version Intel Smart Response Technology version Intel Stable Image Platform Program (SIPP) version Intel Secure Key Technology version Intel Small Business Advantage (SBA) version Intel TSX-NI version Intel Virtualization Technology (VT-x) Processor ARK ID	1.00 1.00 0.00 1.00 1.00 1.00  4 88193
Discrete graphics card model * On-board graphics card * Discrete graphics card * On-board graphics card family On-board graphics card model * On-board graphics card base frequency On-board graphics card dynamic frequency (max) Maximum on-board graphics card memory On-board graphics card DirectX version On-board graphics card OpenGL	Intel® HD Graphics Intel® HD Graphics 520 300 MHz 1000 MHz 1.74 GB	Directed I/O (VT-d) Intel Identity Protection Technology version Intel Smart Response Technology version Intel Stable Image Platform Program (SIPP) version Intel Secure Key Technology version Intel Small Business Advantage (SBA) version Intel TSX-NI version Intel Virtualization Technology (VT-x)	1.00 1.00 0.00 1.00 1.00
Discrete graphics card model * On-board graphics card * Discrete graphics card * On-board graphics card family On-board graphics card model * On-board graphics card base frequency On-board graphics card dynamic frequency (max) Maximum on-board graphics card memory On-board graphics card DirectX version On-board graphics card OpenGL version	Intel® HD Graphics Intel® HD Graphics 520 300 MHz 1000 MHz 1.74 GB 12.0 4.4	Directed I/O (VT-d) Intel Identity Protection Technology version Intel Smart Response Technology version Intel Stable Image Platform Program (SIPP) version Intel Secure Key Technology version Intel Small Business Advantage (SBA) version Intel TSX-NI version Intel Virtualization Technology (VT-x) Processor ARK ID	1.00 1.00 0.00 1.00 1.00 1.00  4 88193
Discrete graphics card model * On-board graphics card * Discrete graphics card * On-board graphics card family On-board graphics card model * On-board graphics card base frequency On-board graphics card dynamic frequency (max) Maximum on-board graphics card memory On-board graphics card DirectX version On-board graphics card OpenGL version On-board graphics card ID	Intel® HD Graphics Intel® HD Graphics 520 300 MHz 1000 MHz 1.74 GB	Directed I/O (VT-d) Intel Identity Protection Technology version Intel Smart Response Technology version Intel Stable Image Platform Program (SIPP) version Intel Secure Key Technology version Intel Small Business Advantage (SBA) version Intel TSX-NI version Intel Virtualization Technology (VT-x) Processor ARK ID Conflict-Free processor  Power AC adapter frequency	1.00 1.00 0.00 1.00 1.00 1.00  4 88193
Discrete graphics card model * On-board graphics card * Discrete graphics card * On-board graphics card family On-board graphics card model * On-board graphics card base frequency On-board graphics card dynamic frequency (max) Maximum on-board graphics card memory On-board graphics card DirectX version On-board graphics card OpenGL version On-board graphics card ID  Audio	Intel® HD Graphics Intel® HD Graphics 520 300 MHz 1000 MHz 1.74 GB 12.0 4.4 1916	Directed I/O (VT-d) Intel Identity Protection Technology version Intel Smart Response Technology version Intel Stable Image Platform Program (SIPP) version Intel Secure Key Technology version Intel Small Business Advantage (SBA) version Intel TSX-NI version Intel Virtualization Technology (VT-x) Processor ARK ID Conflict-Free processor	1.00 1.00 0.00 1.00 1.00 1.00  4 88193
Discrete graphics card model * On-board graphics card * On-board graphics card * On-board graphics card family On-board graphics card model * On-board graphics card base frequency On-board graphics card dynamic frequency (max) Maximum on-board graphics card memory On-board graphics card DirectX version On-board graphics card OpenGL version On-board graphics card ID  Audio Audio	Intel® HD Graphics Intel® HD Graphics 520 300 MHz 1000 MHz 1.74 GB 12.0 4.4 1916  Realtek ALC3268	Directed I/O (VT-d) Intel Identity Protection Technology version Intel Smart Response Technology version Intel Stable Image Platform Program (SIPP) version Intel Secure Key Technology version Intel Small Business Advantage (SBA) version Intel TSX-NI version Intel Virtualization Technology (VT-x) Processor ARK ID Conflict-Free processor  Power AC adapter frequency	1.00 1.00 0.00 1.00 1.00 1.00  4 88193 4 50 - 60 Hz
Discrete graphics card model * On-board graphics card * On-board graphics card * On-board graphics card family On-board graphics card model * On-board graphics card base frequency On-board graphics card dynamic frequency (max) Maximum on-board graphics card memory On-board graphics card DirectX version On-board graphics card OpenGL version On-board graphics card ID  Audio Audio Audio chip Number of built-in speakers	Intel® HD Graphics Intel® HD Graphics 520 300 MHz  1000 MHz  1.74 GB  12.0  4.4  1916  Realtek ALC3268 2	Directed I/O (VT-d) Intel Identity Protection Technology version Intel Smart Response Technology version Intel Stable Image Platform Program (SIPP) version Intel Secure Key Technology version Intel Small Business Advantage (SBA) version Intel TSX-NI version Intel Virtualization Technology (VT-x) Processor ARK ID Conflict-Free processor  Power  AC adapter frequency AC adapter input voltage	1.00 1.00 0.00 1.00 1.00 1.00  4 88193 4 50 - 60 Hz
Discrete graphics card model * On-board graphics card * On-board graphics card amily On-board graphics card family On-board graphics card model * On-board graphics card base frequency On-board graphics card dynamic frequency (max) Maximum on-board graphics card memory On-board graphics card DirectX version On-board graphics card OpenGL version On-board graphics card ID  Audio Audio chip Number of built-in speakers Speaker power	Intel® HD Graphics Intel® HD Graphics 520 300 MHz  1000 MHz  1.74 GB  12.0  4.4  1916  Realtek ALC3268 2 2 W	Directed I/O (VT-d) Intel Identity Protection Technology version Intel Smart Response Technology version Intel Stable Image Platform Program (SIPP) version Intel Secure Key Technology version Intel Small Business Advantage (SBA) version Intel TSX-NI version Intel Virtualization Technology (VT-x) Processor ARK ID Conflict-Free processor  Power AC adapter frequency AC adapter input voltage  Security	1.00 1.00 0.00 1.00 1.00 1.00 1.00  \$88193 \$ 50 - 60 Hz 100 - 240 V
Discrete graphics card model * On-board graphics card * Discrete graphics card * On-board graphics card family On-board graphics card model * On-board graphics card base frequency On-board graphics card dynamic frequency (max) Maximum on-board graphics card memory On-board graphics card DirectX version On-board graphics card OpenGL version On-board graphics card ID  Audio Audio Audio chip Number of built-in speakers Speaker power Built-in microphone	Intel® HD Graphics Intel® HD Graphics 520 300 MHz  1000 MHz  1.74 GB  12.0  4.4  1916  Realtek ALC3268 2	Directed I/O (VT-d) Intel Identity Protection Technology version Intel Smart Response Technology version Intel Stable Image Platform Program (SIPP) version Intel Secure Key Technology version Intel Secure Key Technology version Intel Small Business Advantage (SBA) version Intel TSX-NI version Intel Virtualization Technology (VT-x) Processor ARK ID Conflict-Free processor  Power  AC adapter frequency AC adapter input voltage  Security Cable lock slot Trusted Platform Module (TPM) Password protection	1.00 1.00 0.00 1.00 1.00 1.00  4 88193 4 50 - 60 Hz 100 - 240 V
Discrete graphics card model * On-board graphics card * On-board graphics card * On-board graphics card family On-board graphics card model * On-board graphics card base frequency On-board graphics card dynamic frequency (max) Maximum on-board graphics card memory On-board graphics card DirectX version On-board graphics card OpenGL version On-board graphics card ID  Audio Audio Audio chip Number of built-in speakers Speaker power Built-in microphone  Camera	Intel® HD Graphics Intel® HD Graphics 520 300 MHz  1000 MHz  1.74 GB  12.0  4.4  1916  Realtek ALC3268 2 2 W	Directed I/O (VT-d) Intel Identity Protection Technology version Intel Smart Response Technology version Intel Stable Image Platform Program (SIPP) version Intel Secure Key Technology version Intel Small Business Advantage (SBA) version Intel TSX-NI version Intel Virtualization Technology (VT-x) Processor ARK ID Conflict-Free processor  Power  AC adapter frequency AC adapter input voltage  Security Cable lock slot Trusted Platform Module (TPM)	1.00 1.00 0.00 1.00 1.00 1.00  4 88193 4 50 - 60 Hz 100 - 240 V
Discrete graphics card model * On-board graphics card * On-board graphics card family On-board graphics card model * On-board graphics card model * On-board graphics card base frequency On-board graphics card dynamic frequency (max) Maximum on-board graphics card memory On-board graphics card DirectX version On-board graphics card OpenGL version On-board graphics card ID  Audio Audio chip Number of built-in speakers Speaker power Built-in microphone  Camera  Front camera	Intel® HD Graphics Intel® HD Graphics 520 300 MHz  1000 MHz  1.74 GB  12.0  4.4  1916  Realtek ALC3268 2 2 W	Directed I/O (VT-d) Intel Identity Protection Technology version Intel Smart Response Technology version Intel Stable Image Platform Program (SIPP) version Intel Secure Key Technology version Intel Secure Key Technology version Intel Small Business Advantage (SBA) version Intel TSX-NI version Intel Virtualization Technology (VT-x) Processor ARK ID Conflict-Free processor  Power  AC adapter frequency AC adapter input voltage  Security Cable lock slot Trusted Platform Module (TPM) Password protection	1.00 1.00 0.00 1.00 1.00 1.00  4 88193 4 50 - 60 Hz 100 - 240 V
Discrete graphics card model * On-board graphics card * On-board graphics card family On-board graphics card model * On-board graphics card model * On-board graphics card base frequency On-board graphics card dynamic frequency (max) Maximum on-board graphics card memory On-board graphics card DirectX version On-board graphics card OpenGL version On-board graphics card ID  Audio Audio Audio chip Number of built-in speakers Speaker power Built-in microphone  Camera  Front camera Front camera resolution	✓ X Intel® HD Graphics Intel® HD Graphics 520 300 MHz  1000 MHz  1.74 GB  12.0  4.4  1916  Realtek ALC3268 2 2 W ✓ 1280 x 720 pixels	Directed I/O (VT-d) Intel Identity Protection Technology version Intel Smart Response Technology version Intel Stable Image Platform Program (SIPP) version Intel Secure Key Technology version Intel Secure Key Technology version Intel Small Business Advantage (SBA) version Intel TSX-NI version Intel Virtualization Technology (VT-x) Processor ARK ID Conflict-Free processor  Power AC adapter frequency AC adapter input voltage  Security Cable lock slot Trusted Platform Module (TPM) Password protection Password protection type	1.00 1.00 0.00 1.00 1.00 1.00  4 88193 4 50 - 60 Hz 100 - 240 V
Discrete graphics card model * On-board graphics card * On-board graphics card family On-board graphics card model * On-board graphics card model * On-board graphics card base frequency On-board graphics card dynamic frequency (max) Maximum on-board graphics card memory On-board graphics card DirectX version On-board graphics card OpenGL version On-board graphics card ID  Audio Audio chip Number of built-in speakers Speaker power Built-in microphone  Camera  Front camera	Intel® HD Graphics Intel® HD Graphics 520 300 MHz  1000 MHz  1.74 GB  12.0  4.4  1916  Realtek ALC3268 2 2 W	Directed I/O (VT-d) Intel Identity Protection Technology version Intel Smart Response Technology version Intel Stable Image Platform Program (SIPP) version Intel Secure Key Technology version Intel Small Business Advantage (SBA) version Intel TSX-NI version Intel TSX-NI version Intel Virtualization Technology (VT-x) Processor ARK ID Conflict-Free processor  Power  AC adapter frequency AC adapter input voltage  Security Cable lock slot Trusted Platform Module (TPM) Password protection Password protection type  Sustainability	1.00  1.00  0.00  1.00  1.00  1.00  4  88193  4  50 - 60 Hz  100 - 240 V  HDD, Power on, Supervisor
Discrete graphics card model * On-board graphics card * On-board graphics card * On-board graphics card family On-board graphics card model * On-board graphics card base frequency On-board graphics card dynamic frequency (max) Maximum on-board graphics card memory On-board graphics card DirectX version On-board graphics card OpenGL version On-board graphics card ID  Audio Audio Audio chip Number of built-in speakers Speaker power Built-in microphone  Camera Front camera Front camera resolution Front camera signal format Front camera HD type	✓ X Intel® HD Graphics Intel® HD Graphics 520 300 MHz  1000 MHz  1.74 GB  12.0  4.4  1916  Realtek ALC3268 2 2 W ✓  1280 x 720 pixels 720p	Directed I/O (VT-d) Intel Identity Protection Technology version Intel Smart Response Technology version Intel Stable Image Platform Program (SIPP) version Intel Secure Key Technology version Intel Small Business Advantage (SBA) version Intel TSX-NI version Intel Virtualization Technology (VT-x) Processor ARK ID Conflict-Free processor  Power  AC adapter frequency AC adapter input voltage  Security Cable lock slot Trusted Platform Module (TPM) Password protection Password protection type  Sustainability Sustainability certificates	1.00  1.00  0.00  1.00  1.00  1.00  4  88193  4  50 - 60 Hz  100 - 240 V  HDD, Power on, Supervisor
Discrete graphics card model * On-board graphics card * On-board graphics card * On-board graphics card family On-board graphics card model * On-board graphics card base frequency On-board graphics card dynamic frequency (max) Maximum on-board graphics card memory On-board graphics card DirectX version On-board graphics card OpenGL version On-board graphics card ID  Audio Audio Audio chip Number of built-in speakers Speaker power Built-in microphone  Camera Front camera Front camera resolution Front camera signal format Front camera HD type  Network	✓ X Intel® HD Graphics Intel® HD Graphics 520 300 MHz  1000 MHz  1.74 GB  12.0  4.4  1916  Realtek ALC3268 2 2 W ✓  1280 x 720 pixels 720p HD	Directed I/O (VT-d) Intel Identity Protection Technology version Intel Smart Response Technology version Intel Stable Image Platform Program (SIPP) version Intel Secure Key Technology version Intel Small Business Advantage (SBA) version Intel Small Business Advantage (SBA) version Intel TSX-NI version Intel Virtualization Technology (VT-x) Processor ARK ID Conflict-Free processor  Power AC adapter frequency AC adapter input voltage  Security Cable lock slot Trusted Platform Module (TPM) Password protection Password protection type  Sustainability Sustainability certificates  Weight & dimensions	1.00  1.00  0.00  1.00  1.00  1.00  4  88193  4  50 - 60 Hz  100 - 240 V  4  HDD, Power on, Supervisor  RoHS, ENERGY STAR
Discrete graphics card model * On-board graphics card * On-board graphics card * On-board graphics card family On-board graphics card model * On-board graphics card base frequency On-board graphics card dynamic frequency (max) Maximum on-board graphics card memory On-board graphics card DirectX version On-board graphics card OpenGL version On-board graphics card ID  Audio Audio Audio chip Number of built-in speakers Speaker power Built-in microphone  Camera Front camera Front camera resolution Front camera signal format Front camera HD type	✓ X Intel® HD Graphics Intel® HD Graphics 520 300 MHz  1000 MHz  1.74 GB  12.0  4.4  1916  Realtek ALC3268 2 2 W ✓  1280 x 720 pixels 720p	Directed I/O (VT-d) Intel Identity Protection Technology version Intel Smart Response Technology version Intel Stable Image Platform Program (SIPP) version Intel Secure Key Technology version Intel Small Business Advantage (SBA) version Intel Small Business Advantage (SBA) version Intel TSX-NI version Intel Virtualization Technology (VT-x) Processor ARK ID Conflict-Free processor  Power  AC adapter frequency AC adapter input voltage  Security Cable lock slot Trusted Platform Module (TPM) Password protection Password protection type  Sustainability Sustainability certificates  Weight & dimensions Width	1.00  1.00  0.00  1.00  1.00  1.00  4  88193  4  50 - 60 Hz  100 - 240 V  4  HDD, Power on, Supervisor  RoHS, ENERGY STAR

Network		Packaging content	
Wi-Fi standards Mobile network connection * Ethernet LAN Ethernet LAN data rates	Wi-Fi 5 (802.11ac)  X  10,100,1000 Mbit/s  4.1 Installed	Manual Quick start guide Warranty card Power cord included	✓ ✓ ✓
Bluetooth Bluetooth version WWAN		Other features  AC adapter included  LightScribe	<b>✓</b>
Ports & interfaces		Maximum internal memory (64-bit)	32 GB
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	3 1		

Ethernet LAN (RJ-45) ports 1
HDMI ports quantity \* 1
HDMI version 1.4b
DVI port

DVI port X
Headphone outputs 1



5711603064935

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.