

## DELL Latitude E7470 Intel® Core™ i7 i7-6600U Computadora portátil 35,6 cm (14") Full HD 16 GB DDR4-SDRAM 256 GB SSD Linux Negro

Marca : DELL

Familia de productos: Latitude Código del producto: 210-AETM

Nombre del producto : E7470

DELL Latitude E7470. Tipo de producto: Computadora portátil, Factor de forma: Concha. Familia de procesador: Intel® Core™ i7, Modelo del procesador: i7-6600U, Frecuencia del procesador: 2,6 GHz. Diagonal de la pantalla: 35,6 cm (14"), Tipo HD: Full HD, Resolución de la pantalla: 1920 x 1080 Pixeles. Memoria interna: 16 GB, Tipo de memoria interna: DDR4-SDRAM. Capacidad total de almacenaje: 256 GB, Unidad de almacenamiento: SSD. Modelo de gráficos en tarjeta: Intel® HD Graphics 520. Sistema operativo instalado: Linux. Color del producto: Negro





Design		Processor special features	
Product type * Product colour *	Laptop Black	Intel® Wireless Display (Intel® WiDi)	1
Form factor *	Clamshell	Intel® My WiFi Technology (Intel® MWT)	1
Display		Intel Smart Connect Technology	1
Display diagonal *	35.6 cm (14")	Intel® Smart Response Technology	1
Display resolution * Touchscreen *	1920 x 1080 pixels ×	Intel® Identity Protection Technology (Intel® IPT)	1
HD type LED backlight	Full HD	Intel® Hyper Threading Technology (Intel® HT Technology)	1
Native aspect ratio	16:9	Intel® Turbo Boost Technology	2.0
Display surface	Matt	Intel® Small Business Advantage (Intel® SBA)	1
Pixel pitch Processor	0.144 x 0.144 mm	Enhanced Intel SpeedStep Technology	1
Processor manufacturer *	Intel	Intel® Clear Video HD Technology (Intel® CVT HD)	1
Processor family *	Intel® Core™ i7	Intel Clear Video Technology	1
Processor generation	6th gen Intel® Core™ i7	Intel® InTru™ 3D Technology	1
Processor model *	i7-6600U	Intel® Insider™	
Processor cores	2		
Processor threads	4	Intel <sup>®</sup> Quick Sync Video Technology	
Processor boost frequency	3.4 GHz	Intel Flex Memory Access	1
Processor frequency * Processor cache	2.6 GHz 4 MB	Intel® AES New Instructions (Intel® AES-NI)	1
Processor cache type	Smart Cache	Intel Trusted Execution Technology	1
Processor socket	LGA 1356 (Socket B2)	Intel Enhanced Halt State	1
Processor lithography	14 nm	Intel VT-x with Extended Page	
Processor operating modes	64-bit	Tables (EPT)	1
Processor series	Intel Core i7-6600 Mobile Series	Intel <sup>®</sup> Secure Key	<ul> <li>Image: A second s</li></ul>
Processor codename	Skylake	Intel TSX-NI	1
Bus type	OPI	Intel Stable Image Platform Program	
Stepping	D1	(SIPP)	•

Processor		Processor special features	
Configurable TDP-up frequency	2.8 GHz	Intel Software Guard Extensions	
Configurable TDP-up	25 W	(Intel SGX)	✓
Configurable TDP-down	7.5 W	Intel® Clear Video Technology for	
Configurable TDP-down frequency	0.8 GHz	Mobile Internet Devices (Intel CVT for MID)	✓
Tjunction	100 °C	Intel 64	1
Maximum number of PCI Express	12	Execute Disable Bit	1
lanes PCI Express slots version	3.0	Idle States	
PCI Express configurations	1x4, 4x1	Thermal Monitoring Technologies	1
ECC supported by processor	×	Processor package size	42 X 24 mm
Memory		Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
-	16 GB	Processor code	SR2F1
Internal memory * Internal memory type	DDR4-SDRAM	CPU configuration (max)	1
Memory clock speed	2133 MHz	Embedded options available	<ul> <li>Image: A set of the set of the</li></ul>
Memory form factor	SO-DIMM	Graphics & IMC lithography	14 nm
Memory layout (slots x size)	2 x 8 GB	Intel Virtualization Technology for Directed I/O (VT-d)	1
Memory slots	2x SO-DIMM	Intel Identity Protection Technology	1.00
Maximum internal memory *	16 GB	version	1.00
Storage		Intel Smart Response Technology version	1.00
Total storage capacity *	256 GB	Intel Stable Image Platform Program	
Storage media *	SSD	(SIPP) version	1.00
Number of SSDs installed	1	Intel Secure Key Technology version	1.00
SSD capacity	256 GB	Intel Small Business Advantage (SBA) version	1.00
SSD interface	SATA III	Intel TSX-NI version	1.00
Optical drive type *	×	Intel Virtualization Technology (VT-	
Card reader integrated		x)	<ul> <li>Image: A second s</li></ul>
Compatible memory cards	SD	Processor ARK ID	88192
Graphics		Conflict-Free processor	<i>✓</i>
Discrete graphics card model *	Not available	Battery	
On-board graphics card *	1	Battery Battery technology	Lithium
On-board graphics card * Discrete graphics card *	× ×	Battery technology Number of battery cells	3
On-board graphics card * Discrete graphics card * On-board graphics card family	✓ × Intel® HD Graphics	Battery technology Number of battery cells Battery capacity *	3 37 Wh
On-board graphics card * Discrete graphics card * On-board graphics card family On-board graphics card model *	✓ × Intel® HD Graphics Intel® HD Graphics 520	Battery technology Number of battery cells	3
On-board graphics card * Discrete graphics card * On-board graphics card family	✓ × Intel® HD Graphics	Battery technology Number of battery cells Battery capacity * Battery voltage <b>Power</b>	3 37 Wh 11.1 V
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	✓ × Intel® HD Graphics Intel® HD Graphics 520	Battery technology Number of battery cells Battery capacity * Battery voltage <b>Power</b> AC adapter power	3 37 Wh 11.1 V 65 W
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)	✓ × Intel® HD Graphics Intel® HD Graphics 520 300 MHz 1050 MHz	Battery technology Number of battery cells Battery capacity * Battery voltage <b>Power</b> AC adapter power AC adapter frequency	3 37 Wh 11.1 V 65 W 47/63 Hz
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	✓ × Intel® HD Graphics Intel® HD Graphics 520 300 MHz	Battery technology Number of battery cells Battery capacity * Battery voltage <b>Power</b> AC adapter power AC adapter frequency AC adapter input voltage	3 37 Wh 11.1 V 65 W 47/63 Hz 90 - 264 V
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	✓ × Intel® HD Graphics Intel® HD Graphics 520 300 MHz 1050 MHz	Battery technology Number of battery cells Battery capacity * Battery voltage <b>Power</b> AC adapter power AC adapter frequency AC adapter input voltage AC adapter output voltage	3 37 Wh 11.1 V 65 W 47/63 Hz 90 - 264 V 19.5 V
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	<ul> <li>×</li> <li>Intel® HD Graphics</li> <li>Intel® HD Graphics 520</li> <li>300 MHz</li> <li>1050 MHz</li> <li>32 GB</li> </ul>	Battery technology Number of battery cells Battery capacity * Battery voltage <b>Power</b> AC adapter power AC adapter frequency AC adapter input voltage AC adapter output voltage DC-in jack	3 37 Wh 11.1 V 65 W 47/63 Hz 90 - 264 V
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	<ul> <li>×</li> <li>Intel® HD Graphics</li> <li>Intel® HD Graphics 520</li> <li>300 MHz</li> <li>1050 MHz</li> <li>32 GB</li> </ul>	Battery technology Number of battery cells Battery capacity * Battery voltage <b>Power</b> AC adapter power AC adapter frequency AC adapter input voltage AC adapter output voltage DC-in jack <b>Security</b>	3 37 Wh 11.1 V 65 W 47/63 Hz 90 - 264 V 19.5 V ✓
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	<ul> <li>×</li> <li>Intel® HD Graphics</li> <li>Intel® HD Graphics 520</li> <li>300 MHz</li> <li>1050 MHz</li> <li>32 GB</li> <li>12.0</li> </ul>	Battery technology Number of battery cells Battery capacity * Battery voltage <b>Power</b> AC adapter power AC adapter frequency AC adapter input voltage AC adapter output voltage DC-in jack <b>Security</b> Cable lock slot	3 37 Wh 11.1 V 65 W 47/63 Hz 90 - 264 V 19.5 V •
On-board graphics card * Discrete graphics card a On-board graphics card family On-board graphics card model a 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	<ul> <li>X</li> <li>Intel® HD Graphics</li> <li>Intel® HD Graphics 520</li> <li>300 MHz</li> <li>1050 MHz</li> <li>32 GB</li> <li>12.0</li> <li>4.4</li> </ul>	Battery technology Number of battery cells Battery capacity * Battery voltage <b>Power</b> AC adapter power AC adapter frequency AC adapter input voltage AC adapter output voltage DC-in jack <b>Security</b> Cable lock slot Trusted Platform Module (TPM)	3 37 Wh 11.1 V 65 W 47/63 Hz 90 - 264 V 19.5 V •
On-board graphics card * Discrete graphics card a On-board graphics card family 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	<ul> <li>X</li> <li>Intel® HD Graphics</li> <li>Intel® HD Graphics 520</li> <li>300 MHz</li> <li>1050 MHz</li> <li>32 GB</li> <li>12.0</li> <li>4.4</li> </ul>	Battery technology Number of battery cells Battery capacity * Battery voltage <b>Power</b> AC adapter power AC adapter frequency AC adapter input voltage AC adapter output voltage DC-in jack <b>Security</b> Cable lock slot Trusted Platform Module (TPM) Password protection	3 37 Wh 11.1 V 65 W 47/63 Hz 90 - 264 V 19.5 V ✔
On-board graphics card * Discrete 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	<ul> <li>X</li> <li>Intel® HD Graphics Intel® HD Graphics 520</li> <li>300 MHz</li> <li>1050 MHz</li> <li>32 GB</li> <li>12.0</li> <li>4.4</li> <li>1916</li> </ul>	Battery technology Number of battery cells Battery capacity * Battery voltage <b>Power</b> AC adapter power AC adapter frequency AC adapter input voltage AC adapter output voltage DC-in jack <b>Security</b> Cable lock slot Trusted Platform Module (TPM) Password protection Password protection type	3 37 Wh 11.1 V 65 W 47/63 Hz 90 - 264 V 19.5 V •
On-board graphics card * Discrete graphics card family 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	<ul> <li></li> <li>Intel® HD Graphics Intel® HD Graphics 520</li> <li>300 MHz</li> <li>1050 MHz</li> <li>32 GB</li> <li>12.0</li> <li>4.4</li> <li>1916</li> <li>Kealtek ALC3235</li> </ul>	Battery technology Number of battery cells Battery capacity * Battery voltage <b>Power</b> AC adapter power AC adapter frequency AC adapter input voltage AC adapter output voltage DC-in jack <b>Security</b> Cable lock slot Trusted Platform Module (TPM) Password protection Password protection type	3 37 Wh 11.1 V 65 W 47/63 Hz 90 - 264 V 19.5 V ✔
On-board graphics card * Discrete graphics card family 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	<ul> <li></li> <li></li> <li>Intel® HD Graphics Intel® HD Graphics 520</li> <li>300 MHz</li> <li>1050 MHz</li> <li>32 GB</li> <li>12.0</li> <li>4.4</li> <li>1916</li> <li>Realtek ALC3235 2</li> </ul>	Battery technology Number of battery cells Battery capacity * Battery voltage <b>Power</b> AC adapter power AC adapter frequency AC adapter input voltage AC adapter output voltage DC-in jack <b>Security</b> Cable lock slot Trusted Platform Module (TPM) Password protection Password protection type <b>Operational conditions</b> Operating temperature (T-T)	3 37 Wh 11.1 V 65 W 47/63 Hz 90 - 264 V 19.5 V ✔ ✔ BIOS, HDD, Supervisor, User 0 - 60 °C
On-board graphics card * Discrete graphics card family 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	<ul> <li></li> <li>Intel® HD Graphics Intel® HD Graphics 520</li> <li>300 MHz</li> <li>1050 MHz</li> <li>32 GB</li> <li>12.0</li> <li>4.4</li> <li>1916</li> <li>Realtek ALC3235</li> <li>2</li> <li>2 W</li> </ul>	Battery technology Number of battery cells Battery capacity * Battery voltage <b>Power</b> AC adapter power AC adapter frequency AC adapter input voltage AC adapter output voltage DC-in jack <b>Security</b> Cable lock slot Trusted Platform Module (TPM) Password protection Password protection type <b>Operational conditions</b> Operating temperature (T-T) Storage temperature (T-T)	3 37 Wh 11.1 V 65 W 47/63 Hz 90 - 264 V 19.5 V ✔ 19.5 V ✔ BIOS, HDD, Supervisor, User
On-board graphics card * Discrete graphics card family 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 Built-in microphone	<ul> <li></li> <li>Intel® HD Graphics Intel® HD Graphics 520</li> <li>300 MHz</li> <li>1050 MHz</li> <li>32 GB</li> <li>12.0</li> <li>4.4</li> <li>1916</li> <li>Realtek ALC3235</li> <li>2</li> <li>2 W</li> </ul>	Battery technology Number of battery cells Battery capacity * Battery voltage Power AC adapter power AC adapter frequency AC adapter input voltage AC adapter output voltage DC-in jack Security Cable lock slot Trusted Platform Module (TPM) Password protection Password protection type Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H)	3 37 Wh 11.1 V 65 W 47/63 Hz 90 - 264 V 19.5 V 19.5 V • BIOS, HDD, Supervisor, User 0 - 60 °C -51 - 71 °C 10 - 90%
On-board graphics card * Discrete graphics card family 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	<ul> <li>K</li> <li>Intel® HD Graphics</li> <li>Intel® HD Graphics 520</li> <li>300 MHz</li> <li>1050 MHz</li> <li>1050 MHz</li> <li>32 GB</li> <li>12.0</li> <li>4.4</li> <li>1916</li> <li>Realtek ALC3235</li> <li>2</li> <li>2 W</li> <li>✓</li> </ul>	Battery technology Number of battery cells Battery capacity * Battery voltage Power AC adapter power AC adapter frequency AC adapter input voltage AC adapter output voltage DC-in jack Security Cable lock slot Trusted Platform Module (TPM) Password protection type Password protection type Operating temperature (T-T) Storage temperature (T-T) Storage relative humidity (H-H)	3 37 Wh 11.1 V 65 W 47/63 Hz 90 - 264 V 19.5 V ♥ 19.5 V ♥ BIOS, HDD, Supervisor, User 0 - 60 °C -51 - 71 °C 10 - 90% 5 - 95%
On-board graphics card * Discrete graphics card family 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 chip Audio chip Number of built-in speakers Speaker power Built-in microphone <b>Camera</b> Front camera resolution	✓ × Intel® HD Graphics Intel® HD Graphics 520 300 MHz 1050 MHz 32 GB 12.0 4.4 1916 Kealtek ALC3235 2 2 W ✓	Battery technology Number of battery cells Battery capacity * Battery voltage Power AC adapter power AC adapter frequency AC adapter input voltage AC adapter output voltage DC-in jack Security Cable lock slot Trusted Platform Module (TPM) Password protection Password protection type Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H)	3 37 Wh 11.1 V 65 W 47/63 Hz 90 - 264 V 19.5 V 19.5 V • BIOS, HDD, Supervisor, User 0 - 60 °C -51 - 71 °C 10 - 90%
On-board graphics card * Discrete graphics card family 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 OpenGL version On-board graphics card ID <b>Audio</b> Audio chip Number of built-in speakers Speaker power Built-in microphone <b>Camera</b> Front camera resolution	<ul> <li>Intel® HD Graphics Intel® HD Graphics 520</li> <li>300 MHz</li> <li>1050 MHz</li> <li>32 GB</li> <li>12.0</li> <li>4.4</li> <li>1916</li> <li>Realtek ALC3235</li> <li>2 W</li> <li>1280 x 720 pixels</li> </ul>	Battery technology Number of battery cells Battery capacity * Battery voltage Power AC adapter power AC adapter frequency AC adapter input voltage AC adapter output voltage DC-in jack Security Cable lock slot Trusted Platform Module (TPM) Password protection Password protection type Operating temperature (T-T) Storage temperature (T-T) Storage relative humidity (H-H) Storage relative humidity (H-H) Operating altitude Non-operating altitude	3 37 Wh 11.1 V 65 W 47/63 Hz 90 - 264 V 19.5 V ♥ 19.5 V ♥ BIOS, HDD, Supervisor, User 0 - 60 °C -51 - 71 °C 10 - 90% 5 - 95% -15.2 - 3048 m
On-board graphics card * Discrete graphics card family 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 DirectX version On-board graphics card OpenGL version On-board graphics card ID <b>Audio</b> Audio chip Number of built-in speakers Speaker power Built-in microphone <b>Camera</b> Front camera Front camera resolution <b>Network</b> Wi-Fi	✓ × Intel® HD Graphics Intel® HD Graphics 520 300 MHz 1050 MHz 32 GB 12.0 4.4 1916 4.4 1916 V Realtek ALC3235 2 2 W ✓	Battery technology Number of battery cells Battery capacity * Battery voltage Power AC adapter power AC adapter frequency AC adapter input voltage AC adapter output voltage DC-in jack Security Cable lock slot Trusted Platform Module (TPM) Password protection type Password protection type Operating temperature (T-T) Storage temperature (T-T) Storage temperature (T-T) Storage relative humidity (H-H) Storage relative humidity (H-H) Operating altitude Non-operating altitude	3 37 Wh 11.1 V 65 W 47/63 Hz 90 - 264 V 19.5 V ♥ 19.5 V ♥ BIOS, HDD, Supervisor, User 0 - 60 °C -51 - 71 °C 10 - 90% 5 - 95% -15.2 - 3048 m -15.2 - 10668 m
On-board graphics card * Discrete graphics card family 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 OpenGL version On-board graphics card ID <b>Audio</b> <b>Audio</b> Audio chip Number of built-in speakers Speaker power Built-in microphone <b>Camera</b> Front camera resolution <b>Network</b> Wi-Fi Wi-Fi standards	<ul> <li>Intel® HD Graphics Intel® HD Graphics 520</li> <li>300 MHz</li> <li>1050 MHz</li> <li>32 GB</li> <li>12.0</li> <li>4.4</li> <li>1916</li> <li>Realtek ALC3235</li> <li>2 W</li> <li>1280 x 720 pixels</li> </ul>	Battery technology Number of battery cells Battery capacity * Battery voltage <b>Power</b> AC adapter power AC adapter frequency AC adapter input voltage DC-in jack <b>Security</b> Cable lock slot Trusted Platform Module (TPM) Password protection type Password protection type <b>Operating temperature (T-T)</b> Storage temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Operating altitude Non-operating altitude Non-operating altitude	3 37 Wh 11.1 V 65 W 47/63 Hz 90 - 264 V 19.5 V ♥ 19.5 V ♥ BIOS, HDD, Supervisor, User 0 - 60 °C -51 - 71 °C 10 - 90% 5 - 95% -15.2 - 3048 m
On-board graphics card * Discrete graphics card family 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 DirectX version On-board graphics card OpenGL version On-board graphics card ID <b>Audio</b> Audio chip Number of built-in speakers Speaker power Built-in microphone <b>Camera</b> Front camera Front camera resolution <b>Network</b> Wi-Fi	<ul> <li>Intel® HD Graphics Intel® HD Graphics 520</li> <li>300 MHz</li> <li>1050 MHz</li> <li>22 GB</li> <li>12.0</li> <li>4.4</li> <li>1916</li> <li>Realtek ALC3235 2 2 W</li> <li>2 W</li> <li>1280 x 720 pixels</li> <li>Vi-Fi 5 (802.11ac)</li> </ul>	Battery technology Number of battery cells Battery capacity * Battery voltage Power AC adapter power AC adapter frequency AC adapter input voltage AC adapter output voltage DC-in jack Security Cable lock slot Trusted Platform Module (TPM) Password protection type Password protection type Operating temperature (T-T) Storage temperature (T-T) Storage temperature (T-T) Storage relative humidity (H-H) Operating altitude Non-operating altitude Non-operating altitude Sustainability certificates	3 37 Wh 11.1 V 65 W 47/63 Hz 90 - 264 V 19.5 V 19.
On-board graphics card * Discrete graphics card 4 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 DirectX version On-board graphics card OpenGL version On-board graphics card ID <b>Audio</b> Audio chip Number of built-in speakers Speaker power Built-in microphone <b>Camera</b> Front camera resolution <b>Network</b> Wi-Fi Wi-Fi standards Ethernet LAN	Nature of the set o	Battery technology Number of battery cells Battery capacity * Battery voltage <b>Power</b> AC adapter power AC adapter frequency AC adapter input voltage DC-in jack <b>Security</b> Cable lock slot Trusted Platform Module (TPM) Password protection type Password protection type <b>Operating temperature (T-T)</b> Storage temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Operating altitude Non-operating altitude Non-operating altitude	3 37 Wh 11.1 V 65 W 47/63 Hz 90 - 264 V 19.5 V ♥ 19.5 V ♥ BIOS, HDD, Supervisor, User 0 - 60 °C -51 - 71 °C 10 - 90% 5 - 95% -15.2 - 3048 m -15.2 - 10668 m

Network		Weight & dimensions	
Bluetooth version	4.1	Depth	232 mm
Ports & interfaces		Height	19.4 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Weight * Packaging content	1.5 kg
Ethernet LAN (RJ-45) ports       1         HDMI ports quantity *       1         Mini DisplayPorts quantity       1         Mini DisplayPort/Thunderbolt combo port       ×         LAN/VGA combo port       ×	1 1 ×	AC adapter included * Manual Quick start guide Warranty card Power cord included	1 1 1 1
S/PDIF out port	×	Other features	
Microphone in Combo headphone/mic port Docking connector USB Sleep-and-Charge USB Sleep-and-Charge ports <b>Keyboard</b> Pointing device	× × × 1 Touchpad	LightScribe 3D Maximum internal memory (64-bit) Power adapter width Power adapter depth Power adapter height Power adapter weight Intel segment tagging	X X 16 GB 10.7 cm 4.6 cm 2.95 cm 230 g Enterprise
Numeric keypad * Windows keys	× ✓		Litterprise
Software			
Drivers included Operating system installed *	✔ Linux		

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