Opcombing system         Windows 11 Monte           Processor family         12th Sentembro Intel® Corn® Spinocescor           Processor family         12th Sentembro Intel® Corn® Spinocescor           Intel® Corn® Spinocescor         12th Sentembro Intel® Corn® Spinocescor           Cirpped         Intel® Land Spinoces Spinocescor           Omphies         NOTIFICATION Spinoces INTER Spinoces Spinocescor           Memory         10 CRD DDIA Spinoces INTER Spinoces Spinocescor           Intel® Corn® Corn® INTER Spinocescor         12th Spinocescor           Intel® Corn® Corn® INTER Spinocescor         12th Spinocescor           Intel® Corn® Corn® INTER Spinocescor         12th Spinocescor           Display         388 Spinocescor           Intel® Corn® Corn® INTER Spinocescor         12th Spinocescor           Scandon Spinocescor         12th Spinocescor           Corn® Corn® Corn® Corn® Intel® Spinocescor         12th Spinocescor           Corn® Co		Victus Gaming Laptop 15-fa1069ne   HP® Middle East
Processor	Operating system	Windows 11 Home
Total Chipset International State Section 2 Cores 16 threads) ***  Chipset International Section Secti	Processor family	13th Generation Intel® Core™ i5 processor
Discrete   NVDMY Self-mire PTX* 4050 Liquique SPU/6 GR GDDDRS detailured   NVDMY Self-mire PTX* 4050 Liquique SPU/6 GR GDDDRS detailured   NVDMY Self-mire PTX* 4050 Liquique SPU/6 GR GDDDRS	Processor	
Memory 16 CANDURA 3000 MHz IRAM (2 x 3 CB) Internot Storage	Chipset	Intel® integrated SoC
Internal Storage  Display  SBB on ILDS*) diagonal, FND IBSEQ X 1980, 144 Hz, 9 ma response time, PS, micro-redge, onliquides, 250 nits, 45%, NTSC**  Touchearners  No  Screen-in-body ratio (without specialism)  Weight 229 kg  Screen-in-body ratio (without specialism)  Screen-in-body	Graphics	NVIDIA® GeForce RTX™ 4050 Laptop GPU (6 GB GDDR6
Display Sis & cm (2.6.67 displayonal, THD) (1980 x 1040), 144 Hz. 9 min recognose time (FS, micro odgo, and signo, 250 mis, 45% NYSC) <sup>17</sup> Touchisercon No  Sorrend-body ratio fultimout special control (FS, micro odgo, and signo, 250 mis, 45% NYSC) <sup>18</sup> Projectors 250 mis Signose (FS, Misson)  Minimum dimensione (M x D x H S) Signose (FS, Misson)  Minimum dimensione (M x D x H S) Signose (FS, Misson)  Software included MoAfee LiveSignose (FS, Misson)  Software included MoAfee LiveSignose (FS, Misson)  Felimidalled software Francis (FN, 100 day free trial) LiveSpace Promium (30 day free trial) in service 25 GRI Diophas storage for 12 months (F)  Bottory type 4 cell, 70 Wh Liven polymer (F)  Bottory type 4 cell, 70 Wh Liven polymer (F)  Bottory type Signose (FS, Misson)  Whalese Medicine (FF, Misson)  Ferformance blue, chrome Logo  Representation (FF, Misson)  Ferformance blue, chrome Logo  Representation (FF, Misson)  Finding device HP interpolated (FF, Misson)  Integrated (FF, Misson)  Finding device HP interpolated (FF, Misson)  Finding device HP interpolated (FF, Misson)  June (FF, Misson)  June (FF, Misson)  June (FF, Misson)  Finding device HP interpolated (FF, Misson)  June (FF, Misson)  June (FF, Misson)  June (FF, Misson)  Finding device HP interpolated (FF, Misson)  June (FF, Misson)  June (FF, Misson)  June (FF, Misson)  Finding device HP interpolated (FF, Misson)  June (FF, Misson)  June (FF, Misson)  Finding device HP interpolated (FF, Misson)  June (FF, Misson)	Memory	
response time, IPS micro edge, and glare, 250 nits, 45% NTSC I** Touchsurcon No Screen to body ratio fwithout spookars) 45% NTSC  Color gamus 45% NTSC  Brightness 250 nits  Minimum dimensions (W x D x H) 35.79 x 25.5 x 2.35 cm  Minimum dimensions (W x D x H) 35.79 x 25.5 x 2.35 cm  Whight 2.20 kg Software Productivity & finance I month triol for new Microsoft 385 oustoners <sup>24</sup> Software included McAfee I Destrie**, Xxxxx Game Pass 1-month free triol <sup>27</sup> Pre-installed software Franciscopy of the triol of the productivity of the triol <sup>28</sup> Buttery type 25 GR Dripbox storage for 12 months <sup>29</sup> Buttery type 4 coll, 70 Wh Li ion polymer <sup>29</sup> Buttery type 4 coll, 70 Wh Li ion polymer <sup>29</sup> Buttery type 4 coll, 70 Wh Li ion polymer <sup>29</sup> Buttery type 4 coll, 70 Wh Li ion polymer <sup>29</sup> Buttery type 4 coll, 70 Wh Li ion polymer <sup>29</sup> Buttery type 4 coll, 70 Wh Li ion polymer <sup>29</sup> Buttery type 4 coll, 70 Wh Li ion polymer <sup>29</sup> Buttery type 4 coll, 70 Wh Li ion polymer <sup>29</sup> Buttery type 5 conditions but a predict of thorage, approximately 50% in 3D minutes <sup>20</sup> Salary Resolve (Resolve) (Reso	Internal Storage	512 GB PCle® Gen4 NVMe™ TLC M.2 SSD
Screen-to-body ratio (without speakers)  Color gamut 45% NTSC  Brightness 250 hts  Minimum dimensions (W x D x H) 36.79 x 25.5 x 2.35 cm  Weight 229 kg  Software-Productivity & finance 1 month trial for new Microsoft 365 customers <sup>57</sup> Software included McAfee LiveSafe**, Xbox Dame Pass 1 month free trial <sup>56</sup> Software included McAfee LiveSafe**, Xbox Dame Pass 1 month free trial <sup>56</sup> Pre-installed software Express VTN (30 day free trial), LostFass Premium (30 day free trial).  Cloud service 25 GB Dropbox storage for 12 months <sup>17</sup> Cloud service 25 GB Dropbox storage for 12 months <sup>17</sup> Battery type 4-cell, 70 Wh (1-lon polymer) <sup>18</sup> Battery techarge time Supports battery fast charge: approximately 50% in 30 minutes <sup>180</sup> Wireless Medicfak Wi-Fi 6 MT7921 (2x2) and Bluecoth* 5.3 wireless card (supporting gligabit data trasis) <sup>181</sup> <sup>182</sup> <sup>183</sup> <sup>183</sup> <sup>184</sup> <sup>185</sup> <sup>18</sup>	Display	response time, IPS, micro-edge, anti-glare, 250 nits, 45%
September   Sept	Touchscreen	No
## Brightness   250 nits   35.79 x 25.5 x 2.35 cm    ### Minimum dimensions (W x D x H1   35.79 x 25.5 x 2.35 cm    ### Weight   2.28 kg   1.28 kg   2.28 kg    ### Software - Productivity & finance   1.28 kg   2.28 kg    ### Software included   McAfoo LiveSufo**, Xbox Gume Pass 1-month froe trial ™    ### Pre-installed software   ExpressVPN (30 day free trial); LastPoss Premium (30 day free trial) ™    ### Cloud service   25 GB Dropbox storage for 12 months ™    ### Bottery type   4-cell, 70 Wh Li-lon polymer (™    ### Buttery type   4-cell, 70 Wh Li-lon polymer (™    ### Buttery feet   Up to 8 hours and 30 minutes ™    ### Buttery recharge time   Supports battery feet charge, approximately 50% in 30 minutes ™    ### Wireless   Mediclet WH-H 6 M1 / 19.2 (2x.2) and titustooth* 5.3 wireless card is upporting gligabit data ratio ™ ± ± ± ± ± ± ± ± ± ± ± ± ± ± ± ± ± ±	•	82.23% [4]
Minimum dimensions (WxDxH) 35.79 x 25.5 x 2.55 cm  Weight 2.29 kg  Software - Productivity & finance 1.month trial for new Microsoft 365 customers - Software included McAlea LiveSafe*, Xbox Game Pass 1.month froe trial - Software included McAlea LiveSafe*, Xbox Game Pass 1.month froe trial - Software included McAlea LiveSafe*, Xbox Game Pass 1.month froe trial - Software included software 1.month froe trial - Software included Software 1.month froe trial - Software included Software 1.months - Software included Software In	Color gamut	45% NTSC
Software - Productivity & finance	Brightness	250 nits
Software - Productivity & finance  1 month trial for new Microsoft 365 customers <sup>[5]</sup> Software included  McAee LiveSafe**, Xbox Game Pass 1-month free trial <sup>[5]</sup> Pre-installed software  ExpressVPN (30 day free trial): LastPass Premium (30 day free trial): <sup>[5]</sup> Cloud service  25 GB Dropbox storage for 12 months: <sup>[7]</sup> Battery type  4-cell, 70 Wh Li-lon polymer ( <sup>[8]</sup> )  Battery tife  Up to 8 hours and 30 minutes <sup>[5]</sup> Battery recharge time  Supports battery fast charge: approximately 50% in 30 minutes <sup>[6]</sup> Battery recharge time  Supports battery fast charge: approximately 50% in 30 minutes <sup>[6]</sup> Wireless  MedicTek Wi F1 6 MT7921 (2x2) and Bluetooth* 5.3 wireless card (supporting glight) data rate [[6] x 1-x 2] (Mosen bloody Somectar). If Extended Range Weeless LMN  Network interface  Integrated 10/100/1000 ObE LAN  Product color  Performance blue, chrome loge  Keyboard  Fulls-size, backlif, performance blue keyboard with numeric keypod  Camera  HP Wide Vision 720p HD comera with temporal noise reduction and integrated dual array digital microphones.  Audio  Audio by B&C Dual speakers: HP Audio Boost  HP limagepad with multi-fouch gesture support  Expansion slots  1 multi-format SD media card reader  Ports  1 USB Type A 59bps signaling rate; 1 USB Type A 59bps signaling rate; (1 USB Type A 59bps signaling rate; 1 USB Type A 59bps signaling rate; (1 USB Type A 1 59bps signaling rate; 1 USB Type A 59bps signaling rate; (1 USB Type A 1 59bps signaling rate; 1 USB Type A 59bps signaling rate; 1 USB Type A 1 50bps signaling rate; 1 USB Type A 1 59bps signaling rate; 1 USB	Minimum dimensions (W x D x H)	35.79 x 25.5 x 2.35 cm
Software included  McAfee LiveSafe**, Xbox Game Pass 1-month free trial**  Pre-installed software  ExpressVPN (30 day free trial): LastPass Premium (30 day free trial)*  Cloud service  25 GB Drapbax storage for 12 months (7)  Battery type  4-cell, 70 Wh Li-lan polymer (19)  Battery tife  Up to 8 hours and 30 minutes (19)  Battery recharge time  Supports battery fast charge: approximatally 60% in 30 minutes (19)  Wirelass  MediaTek Wi Fi 6 MT 7921 (2x2) and Bluetooth* 5.3 wirelass card (supporting gligothi data rate) (15 x 1 x 1 y 1) (placement strusty) (20 montes) HP Extended range vireless LAN  Network interface  Integrated 10 /100 /1000 GBE LAN  Product color  Performance blue, chrome togo  Keyboard  Full-size, backlit, performance blue keyboard with numeric keyboard  Last Product color  Performance blue, chrome togo  Keyboard  Full-size, backlit, performance blue keyboard with numeric keyboard  Audio  Audio by 86.0: Duat speakers: HP Audio Boost  HP Wide Vision 720p HD comera with temporal noise reduction and integrated dual array digital microphones  Audio  Audio by 86.0: Duat speakers: HP Audio Boost  HP imagepad with multi-touch gesture support  Expansion slots  1 multi-format SD media card reader  Ports  1 USB Type A 5Ghps signaling rate; 1 USB Type A 5Ghps signaling rate (He Sloep and Charge): 1 USB Type A 5Ghps signaling rate (He Sloep and Charge): 1 USB Type A 5Ghps signaling rate (He Sloep and Charge): 1 USB Type A 5Ghps signaling rate (He Sloep and Charge): 1 USB Type A 5Ghps signaling rate (He Sloep and Charge): 1 USB Type A 5Ghps signaling rate (He Sloep and Charge): 1 USB Type A 5Ghps signaling rate (He Sloep and Charge): 1 USB Type A 5Ghps signaling rate (He Sloep and Charge): 1 USB Type A 5Ghps signaling rate (He Sloep and Charge): 1 USB Type A 5Ghps signaling rate (He Sloep and Charge): 1 USB Type A 5Ghps signaling rate (He Sloep and Charge): 1 USB Type A 5Ghps signaling rate (He Sloep and Charge): 1 USB Type A 5Ghps signaling rate (He Sloep and Charge): 1 USB Type A 5Ghps signaling rate (He S	Weight	2.29 kg
Pro-installed software  ExpressVPN (30 day froe trial): LastPass Premium (30 day froe trial): DestPass Premium (30 day froe trial): Pro-installed software  25 GB Drapbox storage for 12 months (17)  Battery type  4-cell, 70 Wh Li-lon polymer (18)  Battery tife  Up to 8 hours and 30 minutes (18)  Battery recharge time  Supports battery fast charge: approximately 50% in 30 minutes (18)  Wireless  MediaTek Wi-Fi 6 MT7921 (2x2) and Bluetooth* 5.3 wireless card (supporting gigotic data rate) (14 x 2 x 19)  placers standy (Connected HP Extensed Renge Wireless LAN)  Network interface  Integrated 10/100/1000 GbE LAN  Product color  Performance blue, chrome logo  Keyboard  Full-size, backlit, performance blue keyboard with numeric keypad  Camera  HP Wirde Vision 720p HD comera with temporal noise reduction and integrated dual array digital microphones  Audio  Audio by 880; Dual speakers; HP Audio Boost  HP Imagepad with multi-format SD media cord reader  Expansion stats  1 multi-format SD media cord reader  Ports  1 USB Type-A 5Gbps signaling rate; 1 USB Type-A 5Gbps signaling rate (HS pisce) and Charget 1 USB Type-A 5Gbps signaling rate (HS pisce) and Charget 1 USB Type-A 5Gbps signaling rate (HS pisce) and Charget 1 HDMI 2.1; 1 RJ 45; 1 AC smart pin; 1 headphone/microphone combol (19)  Power supply type  200 W Smart AC power adapter  Fusited Platform Module (Firmware TPM) support  Ecolabels  EPEAT* Silver registered  Manufacturar Warranty  1 year (1,3/10) limited warranty includes 1 year of parts and labor. No on-site report. Terms and conditions vary by country.	Software - Productivity & finance	1 month trial for new Microsoft 365 customers [5]
Cloud service 25 GB Dropbax storage for 12 months <sup>17</sup> Battery type 4-cell, 70 Wh Li-lon polymer I <sup>18</sup> )  Battery type Supports battery fast charge: approximately 50% in 30 minutes <sup>120</sup> Battery recharge time Supports battery fast charge: approximately 50% in 30 minutes <sup>120</sup> Wireless Medialiek Wi-Fi 6 MT7921 (2x2) and Bluetooth* 5.3 wireless card (supporting gligabit data rate) <sup>121, 12, 13</sup> [Modern Standby (Commercial), IIP Extended Surge Wireless LANI Modern Standby (Commercial), III Extended Surge Modern Standby (Commercial), III Extended Surge Modern Standby (Commercial), III Extended Standby (Commercial), III Extended Charge), III Standby (Commercial), III Extended Charge), III Standby (Commercial), III Extended Charge), III Extended Cha	Software included	McAfee LiveSafe™; Xbox Game Pass 1-month free trial [6]
Battery type  4-cell, 70 Wh LH-ion polymer (***)  Battery life  Up to 8 hours and 30 minutes (**)  Battery recharge time  Supports battery fast charge: approximately 50% in 30 minutes (**)  Whreless  MadioTak WH-F1 6 MT7921 (2x.2) and Bluetooth* 5.3 whreless card (supporting glogbit data rate) (**)  (Medern Stronthy (Connected): HP Extended Ronge Wireless LAN)  Network interface  Integrated 10/100/1000 GbE LAN  Product color  Performance blue, chrome lago  Keyboard  Full-size, backlit, performance blue keyboard with numeric keypod  Camera  HP Wide Vision 720p HD camera with temporal noise reduction and integrated dual array digital microphones  Audio  Audio by B&C Dual speckers; HP Audio Boost  Pointing device  HP Imagepad with multi-touch gesture support  Expansion slots  1 multi-format SD media card reader  Ports  1 USB Type-A 5Gbps signalling rate; 1 USB Type-A 5Gbps signalling rate (**) (DisplayPort** 1.4, HP Sleep and Charge); 1 HDMI 2.1; RL-45; 1 AC smart pin; 1 headphone/microphone combo 3*4  Power supply type  200 W Smart AC power adapter  Socurity management  Trusted Platform Module (Firmware TPM) support  Ecotabels  EPEAT* Silver registered  Manufacturer Warranty  1 year (1/1/10) limited warranty includes 1 year of parts and tabor. No on-site repoir, Terms and conditions vary by country.	Pre-installed software	
Battery life Up to 8 hours and 30 minutes [15]  Battery recharge time Supports battery fast charge: approximately 50% in 30 minutes [15]  Mireless MediaTek WiF16 MT7921 (2x2) and Bluetooth* 5.3 wireless card (supporting glogibit data rate) [15], 15], 15] (Modern Sturutly (Connected); IPE Extended Runger Wireless LAN)  Network interface Integrated 10/100/1000 GbE LAN  Product color Performance blue, chrome logo  Keyboard Full-size, backlit, performance blue keyboard with numeric keypad  Camera HP Wilde Vision 720p HD camera with temporal noise reduction and integrated dual array digital microphones  Audio Audio by 88C; Dual speakers; HP Audio Boost  Pointing device HP Imagepad with multi-touch gesture support  Expansion slots 1 multi-format SD media card reader  Ports 1 USB Type A 5Gbps signaling rate (FIP Sleep and Charge); 1 USB Type A 5Gbps signaling rate (FIP Sleep and Charge); 1 HDMI 2.1; 1 RJ-45; 1 AC smart pin; 1 headphone/microphone combo [14]  Power supply type 200 W Smart AC power adapter  Security management Trusted Platform Module (Firmware TPM) support  Ecolabels EPEAT* Silver registered  Sustainable impact specifications  Ocean-bound plastic in specker enclosure(s) and bozel; Keyboard keycops and scissors contain post-consumer recycled plastic [15, 16]  Manufacturer Warranty 1 year (1/1/10) limited warranty includes 1 year of parts and labor. No on-site repair. Ferms and conditions vary by country.	Cloud service	25 GB Dropbox storage for 12 months [7]
Bottery recharge time  Supports bottery fast charge: approximately 50% in 30 minutes 1100 minute	Battery type	4-cell, 70 Wh Li-ion polymer ([8])
MediaTek Wi-Fi 6 MT7921 (2x2) and Bluetooth* 5.3 wireless card (supporting glagabit data rata) (11.12.51) (Modern Stoodby (Connected): HP Extended Range Wireless LAN)  Network interface Integrated 10/100/1000 GbE LAN  Product color Performance blue, chrome logo  Keyboard Full-size, backlit, performance blue keyboard with numeric keypad  Camera HP Wide Vision 720p HD camera with temporal noise reduction and integrated dual array digital microphones  Audio Audio by B&C: Dual speakers; HP Audio Boost  Pointing device HP Imagepad with multi-touch gesture support  Expansion slots 1 multi-format SD media card reader  Ports 1 USB Type A 56bps signaling rate; 1 USB Type A 56bps signaling rate (HP Sleep and Charge); 1 USB Type C° 56bps signaling rate (HP Sleep and Charge); 1 HDMI 2.1; 1 RJ-45; 1 AC smart pin; 1 headphone/microphone combo 1141  Power supply type 200 W Smart AC power adapter  Fusted Platform Module (Firmware TPM) support  Ecolabels EPEAT* Silver registered  Sustainable impact specifications Ocean-bound plastic in speaker enclosure(s) and bezet: Keyboard keycaps and scissors contain post-consumer recycled plastic: 115.161  Manufacturer Warranty 1 year (11/10) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country.	Battery life	Up to 8 hours and 30 minutes <sup>[9]</sup>
card (supporting gigabit data rate) [st. 12: 13] (Modern Strandby (Commercial): HP Extended Range Wireless LAN)  Network Interface Integrated 10/100/1000 GbE LAN  Product color Performance blue, chrome logo  Keyboard Full-size, backlit, performance blue keyboard with numeric keypad  Camera HP Wide Vision 720p HD camera with temporal noise reduction and integrated dual array digital microphones  Audio Audio by B&O Dual speakers; HP Audio Boost  Pointing device HP Imagepad with multi-touch gesture support  Expansion slots 1 multi-format SD media card reader  Ports 1 USB Type A 5Gbps signaling rate; 1 USB Type A 5Gbps signaling rate (HP Sleep and Charge); 1 USB Type C* 5Gbps signaling rate (BipsilyoPort* 14, HP Sleep and Charge); 1 HDMI 21:1 RJ-145; 1 AC smart pin; 1 headphone/microphone combo <sup>[34]</sup> Power supply type 200 W Smart AC power adapter  Ecolabets EPEAT* Silver registered  Sustainable impact specifications Ocean-bound plastic in speaker enclosure(s) and bezel; Keyboard keycaps and scissors contain post-consumer recycled plastic <sup>15, 16]</sup> Manufacturer Warranty 1 year (11/10) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country.	Battery recharge time	
Performance blue, chrome logo  Full-size, backlit, performance blue keyboard with numeric keypad  Camera HP Wide Vision 720p HD camera with temporat noise reductior and integrated dual array digital microphones  Audio Audio by B&O Dual speakers; HP Audio Boost  Pointing device HP Imagepad with multi-touch gesture support  Expansion slots 1 multi-format SD media card reader  Ports 1 USB Type-A 5Gbps signaling rate; 1 USB Type-A 5Gbps signaling rate (HP Sleep and Charge); 1 USB Type-C 5Gbps signaling rate (IPS Sleep and Charge); 1 USB Type-C 5Gbps signaling rate (DisplayPort* 14, HP Sleep and Charge); 1 HDMI 2.1; 1 R,J-45; 1 AC smart pin; 1 headphone/microphone combo 11-0  Power supply type 200 W Smart AC power adapter  Security management Trusted Platform Module (Firmware TPM) support  Ecolabels EPEAT* Silver registered  Sustainable impact specifications  Ocean-bound plastic in speaker enclosure(s) and bezel; Keyboard keycaps and scissors contain post-consumer recycled plastic (115, 16)  Manufacturer Warranty 1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country.	Wireless	card (supporting gigabit data rate) [11, 12, 13]
Full-size, backlit, performance blue keyboard with numeric keypad  Camera HP Wide Vision 720p HD camera with temporal noise reduction and integrated dual array digital microphones  Audio Audio by B&C Dual speakers; HP Audio Boost  Pointing device HP Imagepad with multi-touch gesture support  Expansion slots 1 multi-format SD media card reader  Ports 1 USB Type-A 5Gbps signaling rate; 1 USB Type A 5Gbps signaling rate (HP Sleep and Charge); 1 USB Type-C* 5Gbps signaling rate (DisplayPort* 1.4, HP Sleep and Charge); 1 HDMI 2.1; 1 RJ-45; 1 AC smart pin; 1 headphone/microphone combo <sup>1,41</sup> Power supply type 200 W Smart AC power adapter  Ecolobels EPEAT* Silver registered  Sustainable impact specifications Ocean-bound plastic in speaker enclosure(s) and bezel; Keyboard keycaps and scissors contain post-consumer recycled plastic <sup>115, 161</sup> Manufacturer Warranty 1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country.	Network interface	Integrated 10/100/1000 GbE LAN
Camera HP Wide Vision 720p HD camera with temporal noise reduction and integrated dual array digital microphones  Audio Audio by B&O Dual speakers; HP Audio Boost  Pointing device HP Imagepad with multi-touch gesture support  Expansion slots 1 multi-format SD media card reader  Ports 1 USB Type-A 5Gbps signaling rate; 1 USB Type-A 5Gbps signaling rate (HP Steep and Charge); 1 USB Type-C *5Gbps signaling rate (HP Steep and Charge); 1 USB Type-C *5Gbps signaling rate (DisplayPort* 1.4, HP Steep and Charge); 1 HDMI 2.1; 1 RJ-45; 1 AC smart pin; 1 headphone/microphone combo <sup>124</sup> Power supply type 200 W Smart AC power adapter  Feculabels EPEAT* Silver registered  Ecolabels EPEAT* Silver registered  Sustainable impact specifications Ocean-bound plastic in speaker enclosure(s) and bezel; Keyboard keycaps and scissors contain post-consumer recycled plastic <sup>115, 19</sup> Manufacturer Warranty 1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country.	Product color	Performance blue, chrome logo
Audio Audio by B&O Dual speakers; HP Audio Boost  Pointing device HP Imagepad with multi-touch gesture support  Expansion slots 1 multi-format SD media card reader  Ports 1 USB Type-A 5Gbps signaling rate; 1 USB Type-A 5Gbps signaling rate (HP Sleep and Charge); 1 USB Type-C* 5Gbps signaling rate (IpsplayPort** 1.4, HP Sleep and Charge); 1 HDMI 2.1; 1 RJ-45; 1 AC smart pin; 1 headphone/microphone combo 1.41  Power supply type 200 W Smart AC power adapter  Feculabels EPEAT* Silver registered  Sustainable impact specifications Ocean-bound plastic in speaker enclosure(s) and bezel; Keyboard keycaps and scissors contain post-consumer recycled plastic 11.5, 18)  Manufacturer Warranty 1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair, Terms and conditions vary by country.	Keyboard	
Pointing device HP Imagepad with multi-touch gesture support  Expansion slots 1 multi-format SD media card reader  Ports 1 USB Type-A 5Gbps signaling rate; 1 USB Type-A 5Gbps signaling rate (HP Sleep and Charge); 1 USB Type-C* 5Gbps signaling rate (DisplayPort** 1.4, HP Sleep and Charge); 1 HDMI 2.1; 1 RJ-45; 1 AC smart pin; 1 headphone/microphone combo [14]  Power supply type 200 W Smart AC power adapter  Ecolabels EPEAT* Silver registered  Sustainable impact specifications Ocean-bound plastic in speaker enclosure(s) and bezel; Keyboard keycaps and scissors contain post-consumer recycled plastic [15, 16]  Manufacturer Warranty 1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country.	Camera	
Expansion slots  1 multi-format SD media card reader  1 USB Type-A 5Gbps signaling rate; 1 USB Type-A 5Gbps signaling rate (HP Sleep and Charge); 1 USB Type-C* 5Gbps signaling rate (DisplayPort* 1.4, HP Sleep and Charge); 1 HDMI 2.1; 1 RJ-45; 1 AC smart pin; 1 headphone/microphone combo [14]  Power supply type  200 W Smart AC power adapter  Security management  Trusted Platform Module (Firmware TPM) support  Ecolabels  EPEAT* Silver registered  Sustainable impact specifications  Ocean-bound plastic in speaker enclosure(s) and bezel; Keyboard keycaps and scissors contain post-consumer recycled plastic [15, 16]  Manufacturer Warranty  1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country.	Audio	Audio by B&O Dual speakers; HP Audio Boost
Ports  1 USB Type-A 5Gbps signaling rate; 1 USB Type-A 5Gbps signaling rate (HP Sleep and Charge); 1 USB Type-C° 5Gbps signaling rate (DisplayPort™ 1.4, HP Sleep and Charge); 1 HDMI 2.1; 1 RJ-45; 1 AC smart pin; 1 headphone/microphone combo (14)  Power supply type  200 W Smart AC power adapter  Security management  Trusted Platform Module (Firmware TPM) support  Ecolabels  EPEAT° Silver registered  Sustainable impact specifications  Ocean-bound plastic in speaker enclosure(s) and bezel; Keyboard keycaps and scissors contain post-consumer recycled plastic (15, 16)  Manufacturer Warranty  1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country.	Pointing device	HP Imagepad with multi-touch gesture support
signaling rate (HP Sleep and Charge); 1 USB Type-C* 5Gbps signaling rate (DisplayPort™ 1.4, HP Sleep and Charge); 1 HDMI 2.1; 1 RJ-45; 1 AC smart pin; 1 headphone/microphone combo [14]  Power supply type 200 W Smart AC power adapter  Security management Trusted Platform Module (Firmware TPM) support  Ecolabels EPEAT* Silver registered  Sustainable impact specifications Ocean-bound plastic in speaker enclosure(s) and bezel; Keyboard keycaps and scissors contain post-consumer recycled plastic [15, 16]  Manufacturer Warranty 1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country.	Expansion slots	1 multi-format SD media card reader
Security management  Trusted Platform Module (Firmware TPM) support  Ecolabels  EPEAT® Silver registered  Ocean-bound plastic in speaker enclosure(s) and bezel; Keyboard keycaps and scissors contain post-consumer recycled plastic [15, 16]  Manufacturer Warranty  1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country.	Ports	signaling rate (HP Sleep and Charge); 1 USB Type-C® 5Gbps signaling rate (DisplayPort™ 1.4, HP Sleep and Charge); 1 HDMI 2.1; 1 RJ-45; 1 AC smart pin; 1 headphone/microphone
Ecolabels  EPEAT® Silver registered  Ocean-bound plastic in speaker enclosure(s) and bezel; Keyboard keycaps and scissors contain post-consumer recycled plastic [15, 16]  Manufacturer Warranty  1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country.	Power supply type	200 W Smart AC power adapter
Sustainable impact specifications  Ocean-bound plastic in speaker enclosure(s) and bezel; Keyboard keycaps and scissors contain post-consumer recycled plastic [15, 16]  Manufacturer Warranty  1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country.	Security management	Trusted Platform Module (Firmware TPM) support
Keyboard keycaps and scissors contain post-consumer recycled plastic [15, 16]  Manufacturer Warranty  1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country.	Ecolabels	EPEAT® Silver registered
labor. No on-site repair. Terms and conditions vary by country.	Sustainable impact specifications	Keyboard keycaps and scissors contain post-consumer
	Manufacturer Warranty	labor. No on-site repair. Terms and conditions vary by country.

Footnotes and disclaimers

Country/Region: Middle East

About Us

Contact HP

Careers

Investor relations

Ways to buy

Call an HP rep

Find a reseller

How to buy

Support

Download drivers

Support & troubleshooting

Community

HP Partners

HP Amplify Partner Program

HP Partner Portal

Developers