Lenovo ThinkPad E14 AMD G5 T + 3Y Onsite from 2Y Courier/Carry In PHP (CPN)

Brand : Lenovo

Product family: ThinkPad

Product code: 21JR001VMH-B1

Product name : E14 AMD G5 T + 3Y Onsite from 2Y Courier/Carry In PHP (CPN)

- Windows 11 Pro

- AMD Ryzen 7 7730U (16MB Cache, 2GHz)

- 35.6 cm (14") WUXGA 1920 x 1200 IPS

- 16GB (3200MHz) DDR4-SDRAM (1 x 8) & 512GB SSD

AMD Ryzen 7 7730U (16MB Cache, 2GHz), 16GB DDR4-SDRAM, 512GB SSD, 35.6 cm (14") WUXGA 1920 x 1200 IPS, AMD Radeon, LAN, WLAN, Webcam, Windows 11 Pro + 3Y Onsite from 2Y Courier/Carry In PHP (CPN)

Lenovo ThinkPad E14 AMD G5 T + 3Y Onsite from 2Y Courier/Carry In PHP (CPN). Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen ™ 7, Processor model: 7730U, Processor frequency: 2 GHz. Display diagonal: 35.6 cm (14"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: AMD Radeon. Operating system installed: Windows 11 Pro. Product colour: Black





Design		Network	
Colour name Product type * Product colour * Form factor * Housing material Display	Graphite Black Laptop Black Clamshell Aluminium	Ethernet LAN Ethernet LAN data rates Bluetooth Bluetooth version Near Field Communication (NFC) WWAN	✓ 100,1000 Mbit/s ✓ 5.1 × Not installed
Display diagonal *	35.6 cm (14")	Ports & interfaces	Not instance
Display resolution * Touchscreen *	1920 x 1200 pixels	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
HD type Panel type	WUXGA IPS	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
LED backlight	✓ 16:10 ✓	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Native aspect ratio Anti-glare screen		Ethernet LAN (RJ-45) ports1HDMI ports quantity *1	
Display brightness RGB colour space	300 cd/m ² NTSC	HDMI version	1.4b
Colour gamut	45%	Combo headphone/mic port	✓
Contrast ratio (typical)	800:1	USB Type-C DisplayPort Alternate Mode	✓
Processor		USB Sleep-and-Charge	✓
Processor manufacturer *	AMD	USB Sleep-and-Charge ports	1
Processor family *	AMD Ryzen™ 7	Performance	
Processor generation Processor model *	AMD Ryzen 7000 Series 7730U	Motherboard chipset	AMD SoC
Processor cores	8	Keyboard	
Processor boost frequency	4.5 GHz	Pointing device	ThinkPad UltraNav
Processor frequency *	2 GHz	Numeric keypad *	×
Processor cache	16 MB	Keyboard backlit	✓

Internal memory % Internal memory type16 GB DRA-SDRAM BORA-SDRAM Notwer SDRAM DRA-SDRAM SDRAM Memory loty typeInternal memory typeInternal memory typeMemory loty (tspe set a) Memory loty (tsp size)DRA-SDRAM SDRAM SDRAM SDRAM SDRAM SDRAMSolutionDutch, French, English, Italian, German Operating system installed "Windows 11 ProMemory loty (tsp size)1 × 6 GB AGBDutch, French, English, Italian, German German Memory loty (tsp size)Dutch, French, English, Italian, German German German Memory loty (tsp size)Dutch, French, English, Italian, German German German German German Memory loty (tsp size)Dutch, French, English, Italian, German German German German Memory loty (tsp size)Dutch, French, English, Italian, German German German Strat SDS capacityS12 GBStrat Strat	Mamani		Kauhaand	
International program Memory long speedDNA4-SDRAM SorbandReyband language SorbandEnglish. Leading SorbandMemory long Lists xize1 x 8 GB SorbandOperating system language Operating system installed?Dutch. French. English. Italian, GermanMemory logut (ists x xize)1 x 8 GB SorbandOperating system installed?Dutch. French. English. Italian, GermanMemory logut (ists x xize)1 x 5 GD SorbandBatteryDitch. French. English. Italian, GermanMemory logut (ists x xize)1 x 5 GD SorbandBatteryDitch. French. English. Italian, GermanMemory logut (ists x xize)1 x 5 GDBatteryDitch. French. English. Italian, GermanStorage capacity51 2 GB SorbandBattery capacity & 50 (50 Hz)SorbandStorage capacity512 GB SorbandAcadapter power50 (50 Hz)Storage capacity1 x 62 (50 C SorbandCacadapter frequency50 (50 Hz)Storage capacity1 x 62 (50 C SorbandCacadapter frequency50 (50 Hz)Storage capacity1 x 62 (50 C SorbandSorbandCacadapter frequency50 (50 Hz)Storage capacity1 x 62 (50 C SorbandSorbandCacadapter frequency50 (50 Hz)Storage capacity1 x 62 (50 C SorbandSorbandSorbandSorbandStorage capacity1 x 62 (50 C SorbandSorbandSorbandSorbandStorage capacity1 x 62 (50 C SorbandSorbandSorbandSorbandStorage capacity1 x 62 (50 C Sorban	Memory		Keyboard	
Memory lock speed3200 MHzSoftwareMemory lock (slots x size)1 x 8 GBOperating system languageUtch. Frenh, English, Italian, GermanMemory loot (slots x size)1 x 8 GBOperating system installed *Windows 11 ProMemory loot (slots x size)1 x 8 GBBatteryUtchum Polymer (UPo)StorageDual-channelBattery technologyLithium Polymer (UPo)Storage media *SD 2 GBPast charging57 WhStorage media *SD 2 GBPast charging50 Ob 1/2Total storag capacity *S12 GBA C adapter power65 WStorage media *SD 2 GBA C adapter frequency500 Ob 1/2SD capacityS12 GBA C adapter power100 - 24 OVSD for factorPC Express 4.0A C adapter frequency100 - 24 OVVMMeYSU SB wore Delivery (USB PD)100 - 24 OVSD far factorM.2Cache lock slot typeKensingtonCard reader integratedXCable lock slot typeKensingtonGradic scard *YYindows HeloOn-board graphics card model *Not availableSorage arcting Model (TPM)Audio chipSynaptic CX11880Operating relative humidity (H+1)Sorage arcting segme arcting (T)S.43 °CAudio systemSolage term factorSorage term factorSorage term factorSorage term factorAudio systemSynaptic CX11880Operating relative humidity (H+1)Sorage term factorSorage term factorAudio syste	-			
Memory lorom factorOntward + SO-DIMMSortwardMemory lots x size)1 x 8 GBOperating system installed *Dutch, French, English, Italian, GermanMemory sloxX SO-DIMMOperating system installed *Windows 11 ProMaximum internal memory40 GBBatery capacity setm installed *Windows 11 ProMemory shanelsDual-channelBatery capacity *S7 WhStorage capacity *512 GBBatery capacity *57 WhTotal SDS capacityS12 GBAc adapter power506 H2Storage capacity *S12 GBAc adapter frequency506 H2SSD capacityS12 GBAc adapter frequency506 H2SSD capacityS12 GBAc adapter frequency506 H2SSD interfacePCL perses 4.0Ac adapter frequency506 H2SSD finefraceNECable lock slot type10 - 240 VSSD finefraceNECable lock slot type10 - 240 VCard reader integratedNECable lock slot type10 - 240 VCard reader integratedNECable lock slot type10 - 240 VCard reader integratedNa valiableCable lock slot type10 - 240 VDiscrete graphics card model *Not availableSmart card reader20 - 240 VDiscrete graphics card model *Not availableTrusted Platform Module (TPM)20 - 240 VOn-board GP mandrecureAMDTrusted Platform Module (TPM)20 - 240 VDiscrete graphics card model *Not availableSmart card reader4 - 340 C			Keyboard language	English
Memory slyout (slots x size)1 x GGOperating system languageDefermine ConstraintsMemory slots1 x SO-DIMMOperating system installed *Windows 11 ProMemory slots04 GBExteryWindows 11 ProMemory slots04 GBExteryExteryStorage512 GBBattery capacity57 WhTotal storage capacity512 GBPowerStorage media *Storage media *SDAct adapter power55 WTotal SDS capacity512 GBAct adapter frequency506 GH ///////////////////////////////////			Software	
Maximum internal memory*40 GBOperating system instanceMutions 11 ProMemory channelsDual-channelBatteryLithium Polymer (LIPo)Battery technologyLithium Polymer (LIPo)Battery capacity12 GBTotal storage capacity*S12 GBPowerNumber of SSDs installed1A Cadapter power65 WSSD capacityS12 GBAC adapter input voltage100 - 240 VSSD capacityS12 GBA Cadapter input voltage100 - 240 VSSD form factorPCI Express 4.0A Cadapter input voltage100 - 240 VOptical drive type*SCCadapter input voltage100 - 240 VSSD form factorPCI Express 4.0A Cadapter input voltage100 - 240 VOptical drive type*SCCable lock slot typeRessingtonCard reader integratedNataballeSam factorCable lock slot typeOptical drive type*Not availableSam factorRessingtonOn-board draphics card*Not availableSam factor Reader2.0On-board draphics card*ADDTrusted Platform Module (TPM)2.0On-board draphics card*ADDTrusted Platform Module (TPM)2.0Audio system instructureMan ReaderSassord protection type805.New on, SupervisorAudio systemSupaster drive type*Sassord protection type8.5Discrete graphics card*ADDSorage terperature (T-T)5 -35 °CSorage relative type*Sassord protection type8.5%Number of built	Memory layout (slots x size)	1 x 8 GB	Operating system language	
Memory channelsDual-channelBattery Battery capacityUtilitam Polymer (UPP) Battery capacityStorage media\$12 GBStattery capacity57 MontellitationTotal storage capacity\$12 GBPowerStatteryTotal SDS capacity\$12 CBAC adapter power50 GB WNumber of SDS installed12 CBAC adapter input voltage100 - 240 VSD capacity\$12 GBAC adapter input voltage100 - 240 VSD capacity\$12 CBAC adapter input voltage100 - 240 VSD capacityS12 GBAC adapter input voltage100 - 240 VSD capacityPice Statter requercyStatter requercyStatter requercySD capacityAC adapter input voltage100 - 240 VSD capacityMERCale lock Solt typeKensingtonSD form factorM2CauronaCale lock Solt typeKensingtonSD capacity Statt modelsNot availableStatt card readerXensingtonOn-board graphics card modelMD RadeonTrusted Platform Module (TPM)AcuronaOn-board graphics card modelMD RadeonPoertain advaletStatt card readerAudio statemStatt 200 ConstructionStatt 200 ConstructionStatt 200 ConstructionOn-board graphics card modelNo AdvaletPoertain advalet 200 ConstructionStatt 200 ConstructionAudio statemStatt 200 ConstructionStatt 200 ConstructionStatt 200 ConstructionStatt 200 ConstructionOn-board graphics card modelNo AdvaletStatt 200 Cons			Operating system installed *	Windows 11 Pro
StorageBattery technologyLithium Polymer (LiPo) Battery capacity *Lithium Polymer (LiPo) Battery capacity *Total storage capacity *512 GBFact chargingStorage media *SSDPowerNumber of SSDs installed1A Cadapter power65 WSSD capacity512 GBA Cadapter input voltage100 - 240 VSSD capacityS2 GBA Cadapter input voltage100 - 240 VNMMePCI Express 4.0A Cadapter input voltage100 - 240 VNMMe*Cable lock slot typeKensingtonSDI form factorM2Cable lock slot typeKensingtonOptical drive type *XCable lock slot typeKensingtonGard reader integratedXCable lock slot typeKensingtonOn-board graphics card *MDSmart card readerXOn-board graphics card *MDTusted Platform Module (TPM)On-board graphics card *MDTusted Platform Module (TPM)2.0On-board graphics card *MDTusted Platform Module (TPM)On-board graphics card *MDSmart card reader*Audio chipSpagtic X11B80Password protection typeBloS, Power on, SupervisorAudio chipSpagtic X11B80Sorage temperature (T-T)\$ -35 °CBuilt-in microphone20Storage temperature (T-T)\$ -43 °CBuilt-in microphone20Storage temperature (T-T)\$ -95%CameraYCompliane certificatesRoHS	-		Battery	
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Storage media*SSDPast charging*Total SSDs capacity12 CBPowerTotal SSDs capacity12 CBA Cadapter frequency50/60 HzSSD capacity512 GBA Cadapter frequency50/60 HzSSD interfacePCI Express 4.0A Cadapter frequency50/60 HzSSD form factorM.2Sewort Delivery (USB PD)-240 VSSD form factorM.2Security-Optical drive type *XCable lock slot typeKensingtonCard reader integratedNot availableSecurity-Obscrete graphics card model*Not availableSind card reader-On-board graphics cardANDTusted Platform Module (TPM)-On-board GPU manufacturerAND RadeonAudio systemDolby AtmosOperational conditions-Audio systemDolby AtmosOperational conditions-Audio system20Operating temperature (T-T)5.35 °CSpeaker power2Operating temperature (T-T)5.43 °CSpeaker power2Operating temperature (T-T)5.95%Built-Indrophone1200 y 1080 pixelsCompliance certificatesRoHSFront camera PSOUtion1200 y 1080 pixelsCompliance	-	512 CP	Battery capacity *	57 Wh
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Number of SDS installed1A Cadapter power65 WSDD capacityS12 GBA Cadapter frequencyS0(60 HzSDS interfaceVCUSB Power Delivery (USB PD)VNVMeVSDS form factorM2SDS form factorM2Cathelivery (USB PD)VCarl reader integratedXCable lock slot typeKensignonCarl reader integratedXCable lock slot typeKensignonCarl reader integratedNot availableSom fact carl readerXCarl reader integratedNot availableSom fact carl readerXDiscrete graphics card *Not availableSom fact carl readerXOn-board graphics card *XWindows Hello-Discrete graphics card *XSom fact carl readerXOn-board graphics card *XNotavailableSom fact carl readerDiscrete graphics card *XSom fact carl readerXAudio systemSon spect carl model *NotavailableSom fact carl readerAudio systemSon spect carl model *NotavailableSom spect carl model *Number of built in speakersSon spect carl model *Son spect carl model *Speaker powerSub spect carl model *Sor spect carl model *Number of built in speakersSon spect carl model *Son spect carl model *Number of built in speakersSub spect carl model *Sor spect carl model *Speaker powerSub spect carl model *Sor spect carl model *Speak			Power	
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NVMe✓USB Power Delivery (USB PD)✓SSD form factorM.2SecuritySSD form factorM.2SecurityCarl reader integrated×Cable lock slot✓Carl reader integratedNot availableCable lock slot typeKensingtonGraphicsNot availableSmart carl reader×On-board graphics card model *Not availableMindows Hello✓On-board graphics card model *AMDTrusted Platform Module (TPM)✓On-board graphics card model *AMD RadeonTrusted Platform Module (TPM)✓On-board graphics card model *AMD RadeonPassword protection typeBIOS, Power on, SupervisorAudio chipSynaptic CX11880Password protection typeBIOS, Power on, SupervisorAudio systemDolby AtmosOperating temperature (T-T)S - 35 °CSpeaker power2Storage renerature Humidity (H-H)S - 95%Number of microphones2Storage relative humidity (H-H)S - 95%Storage relative humidity (H-H)S - 95%Storage relative humidity (H-H)S - 95%Front camera feolution1202 x 1080 pixelsCompliance certificatesReIKG YSTAR, EPEAT Gold, TCOFront camera feolution1202 x 1080 pixelsCompliance certificatesReIKG YSTAR, EPEAT Gold, TCOFront camera feolution1202 x 1080 pixelsCompliance certificatesReIKG YSTAR, EPEAT Gold, TCOFront camera feolution1202 x 1080 pixelsCurtificationEIP Lot 6 ErP Lot 26 MIL, STD-810H	SSD capacity	512 GB	AC adapter frequency	50/60 Hz
SSD form factorM.2SecurityOptical drive type *×Cable lock slotCarl reader integrated×Cable lock slot typeKensingtonGraphicsNot availableSmart carl reader×On-board graphics card model *Not availableSmart carl reader×On-board graphics card *MDTrusted Platform Module (TPM)×On-board graphics card *×Trusted Platform Module (TPM)On-board graphics card *×Trusted Platform Module (TPM).0On-board graphics card model *MD RadeonPassword protection type800S, Power on, SupervisorAudio chipSynaptic CX11880Derating temperature (T-T)5 - 35 °CSecurityAudio systemDolby AtmosOperating temperature (T-T)5 - 35 °CSecuritySpeaker power2 WStorage temperature (T-T)5 - 35 °CSecuritySpeaker power2 WStorage relative humidity (H+H)8 - 95%SecurityNumber of microphones2 WStorage relative humidity (H+H)8 - 95%SecurityStorage relative humidity (H-H)1 - 95%SecuritySecuritySecurityFront camerarCertificatesRoHSFront camera ersolution1920 x 1080 pixelsCompliance certificatesRoHSFront camera HD typeFull HDCertificationErP Lot 6 ErP Lot 26 MIL-STD-810HInfrared (IR) camerarSustainability certificatesRoHSFront camera HD typeFull HD	SSD interface	PCI Express 4.0	AC adapter input voltage	100 - 240 V
Optical drive type * × Security Card reader integrated × Cable lock slot type Kensington Graphics - Cable lock slot type Kensington Discrete graphics card model * Not available Smart card reader × On-board graphics card * - Modows Hello × On-board graphics card * AMD Trusted Platform Module (TPM) × Discrete graphics card * X Trusted Platform Module (TPM) × On-board graphics card * X Trusted Platform Module (TPM) × Discrete graphics card * X Password protection type × On-board graphics card * X Password protection type × Audio Synaptic CX11880 Perstinat conditions × Audio system Dolby Atmos Operating relative humidity (H+H) × > Number of built-in speakers 2 V Sorage relative humidity (H+H) × > Speaker power 1920 x 1080 pixels Compliance certificates RoHS Sorage relative humidity (NVMe	 Image: A start of the start of	USB Power Delivery (USB PD)	✓
Card reader integrated×Cable lock slot typeKensingtonGraphicsFingerprint readerKensingtonDiscrete graphics card model *Not availableSmart card reader×On-board graphics card *Vindows HelloOn-board graphics card *MDTrusted Platform Module (TPM)Discrete graphics card *×Trusted Platform Module (TPM)On-board graphics card model *AMD RadeonPassword protection Wodule (TPM)On-board graphics card model *MD RadeonPassword protection typeBIOS, Power on, SupervisorAudio chipSynaptic CX11880Operating temperature (T-T)5 - 35 *CAudio systemDolby AtmosOperating temperature (T-T)5 - 43 *CNumber of built-in speakers2Operating temperature (T-T)5 - 43 *CSpeaker power2 WStorage relative humidity (H+H)8 - 95%Number of microphones2Storage relative humidity (H+H)5 - 95%Number of microphones120 x 1080 pixelsCompliance certificatesRHSFront camera/CertificationErP Lot 26 MIL-STD-810HInfrared (IR) camera/Sustainability certificatesRHSPrivacy camera/Sustainability certificatesRHSPrivacy camera/Sustainability certificatesRHSPrivacy camera/Sustainability certificatesRHSPrivacy camera/Sustainability certificatesRHSPrivacy tamera/<	SSD form factor	M.2	Security	
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Ingright IndicationIndicationIndicationDiscrete graphics card *·Smart card reader×On-board graphics card *AMDTrusted Platform Module (TPM)·Discrete graphics card *×Trusted Platform Module (TPM)·Discrete graphics card *×Trusted Platform Module (TPM)·On-board graphics card model *AMD RadeonPassword protection·AudioSynaptic CX11880Password protection typeBIOS. Power on, SupervisorAudio systemDolby AtmosOperating temperature (T-T)5 - 35 °CSpeaker power2 WStorage temperature (T-T)5 - 43 °CSpeaker power2 WStorage relative humidity (H-H)8 - 95%Number of built-in speakers2Operating relative humidity (H-H)5 - 95%Speaker power2 WStorage relative humidity (H-H)5 - 95%Number of microphone·Compliance certificatesRoHSFront camera·Compliance certificatesRoHSFront camera HD typeFull HDCompliance certificatesRoHSInfrared (IR) camera·Sustainability certificatesENERGY STAR, EPEAT Gold, TCOPrivacy tamera·Sustainability certificatesNerGer STAR, EPEAT Gold, TCOPrivacy tamera·Wi-Fi 6 (802.11ax)Depth219.3 mmTop Wi-Fi standard *Wi-Fi 6 (802.11ax)Peth18 mmWi-Fi 6 (802.11ax)Weight *1.53 kg	Card reader integrated	×	Cable lock slot type	Kensington
On-board graphics card*Windows HelloOn-board GPU manufacturerAMDTrusted Platform Module (TPM)Discrete graphics card*XTrusted Platform Module (TPM)2.0On-board graphics card *XTrusted Platform Module (TPM)2.0AudioMD RadeonPassword protectionAudio chipSynaptic CX11880Password protection typeBlOS, Power on, SupervisorAudio systemDolby AtmosOperating temperature (T-T)5 - 35 °CSpeaker power2Qperating temperature (T-T)5 - 43 °CSpeaker power2Qperating relative humidity (H-H)8 -95%Number of microphones2Storage temperature (T-T)5 - 43 °CPront camera-Qperating relative humidity (H-H)8 -95%Number of microphones2Compliance certificates3048 mFront camera-Curtification3048 mFront camera esolution1900 x 1080 pixelsCompliance certificatesFrP Lot 6 ErP Lot 26 MIL-STD-810HInfraed (R) cameraSustainability certificatesFrP Lot 6 ErP Lot 26 MIL-STD-810HPrivacy cameraSustainability certificatesFre Lot 6 ErP Lot 26 MIL-STD-810HPrivacy cameraSustainability certificatesENERGY STAR, EPEAT Gold, TCOPrivacy typeSustainability certificatesSustainability certificatesPrivacy cameraSustainability certificatesSustainability Certificates	Graphics		Fingerprint reader	1
On-board GPU manufacturerAMDAMDTrusted Platform Module (TPM)·Discrete graphics card *×Trusted Platform Module (TPM)2.0Discrete graphics card model *AMD RadeonPassword protection2.0AudioSynaptic CX11880Password protection typeBIOS, Power on, SupervisorAudio systemDolby Atmos Operational conditions *Number of built-in speakers2Operating temperature (T-T)5 - 35 °CSpeaker power2 WStorage temperature (T-T)5 - 43 °CNumber of built-in speakers2Operating relative humidity (H-H)8 - 95%Number of microphone2Maximum shipping altitude3048 mNumber of microphones2CertificatesRoHSFront camera*CertificatesRoHSFront camera HD typeFull HDSustainability certificatesRoHSFront camera HD typeFull HDSustainability certificatesRoHSPrivacy camera*Sustainability certificatesRoHSPrivacy camera*Sustainability certificatesReIS YAR, EPEAT Gold, TCOPrivacy typePrivacy shutterWidth313 mmSustainabilityNetworkSustainadorf *Wi-Fi 6 (802.11ax)Depth138 mmMulti-Fi standard *Wi-Fi 6 (802.11ax)Depth138 mmWi-Fi 6 (802.11ax)Roeth, Fi 4SustainabilitySustainability	Discrete graphics card model *	Not available	Smart card reader	×
Discrete graphics card * × AMD Radeon version Trusted Platform Module (TPM) 2.0 Audio Audio AMD Radeon version 2.0 Audio Audio System Synaptic CX11880 Password protection type BIOS, Power on, Supervisor Audio system Dolby Atmos Dolby Atmos Operational conditions Number of built-in speakers 2.0 Speaker power 2.0 Built-in microphone 4.0 Synaptic CX1080 Operating temperature (T-T) 5 - 35 °C Speaker power 2.0 Built-in microphone 4.0 Storage temperature (T-T) 5 - 43 °C Built-in microphone 4.0 Storage relative humidity (H-H) 8 - 95% Audio System 1920 x 1080 pixels 7.0 Front camera Fesolution 1920 x 1080 pixels 7.0 Front camera HD type Full HD Cortificates 8.0 Front camera HD type Full HD 2.0 Infrared (IR) camera 4.0 Privacy type 7.0 Privacy ty	On-board graphics card *	1	Windows Hello	1
On-board graphics card model* AMD Radeon version 2.0 Audio Password protection * Audio chip Synaptic CX11880 Password protection type BIOS, Power on, Supervisor Audio system Dolby Atmos Operational conditions * Number of built-in speakers 2 Operating temperature (T-T) 5 - 35 °C Speaker power 2 W Storage temperature (T-T) 5 - 43 °C Built-in microphone * Operating relative humidity (H-H) 8 - 95% Number of microphones 2 Storage relative humidity (H-H) 8 - 95% Camera * Maximum shipping altitude 3048 m Front camera * Certificates RoHS Front camera * Certificates RoHS Front camera * Sustainability ErV Lot 6 ErV Lot 26 MIL-STD-810H Infared (IR) camera * Sustainability certificates RoHS Front camera * Sustainability certificates ENERGY STAR, EPEAT Gold, TCO Privacy shutter * Sustainability certificates ENERGY STAR, EPEAT Gold, TCO Privacy shutter * Sustainability certificates ENERGY STAR, EPEAT Gold, TCO Privacy shutter Wi-Fi 6 (802.11ax) <td< td=""><td>On-board GPU manufacturer</td><td>AMD</td><td>Trusted Platform Module (TPM)</td><td>1</td></td<>	On-board GPU manufacturer	AMD	Trusted Platform Module (TPM)	1
On-board graphics card model* AMD Radeon version Audio Password protection type BIOS, Power on, Supervisor Audio chip Synaptic CX11880 Password protection type BIOS, Power on, Supervisor Audio system Dolby Atmos Operational conditions Image: Conditions Number of built-in speakers 2 Operating temperature (T-T) 5 - 35 °C Speaker power 2 W Storage temperature (T-T) 5 - 43 °C Built-in microphone 2 Operating relative humidity (H-H) 8 -95% Number of microphones 2 Maximum shipping altitude 3048 m Camera	Discrete graphics card *	×	Trusted Platform Module (TPM)	3.0
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