

HP 250 G1 Notebook-PC Intel® Pentium® B960 Laptop 39,6 cm (15.6") HD 4 GB DDR3-SDRAM 500 GB HDD Wi-Fi 4 (802.11n) Windows 8 Black

Brand : HP

Product code: H6E20EA#ABH

Product name : 250 G1 Notebook-PC

HP 250 G1 Notebook PC

HP 250 G1 Notebook-PC. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Pentium®, Processor model: B960, Processor frequency: 2,2 GHz. Display diagonal: 39,6 cm (15.6"), HD type: HD, Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 500 GB, Storage media: HDD, Optical drive type: DVD Super Multi DL. Operating system installed: Windows 8. Product colour: Black





Design		Ports & interfaces	
Product type * Product colour * Form factor * Country of origin	Laptop Black Clamshell China	ExpressCard slot CardBus PCMCIA slot type SmartCard slot	× × ×
, ,	China	Performance	
Display	20.0 (15.00)	Motherboard chipset	Intel® HM70 Express
Display diagonal * Display resolution *	39,6 cm (15.6") 1366 x 768 pixels	Keyboard	
Touchscreen *	×	Pointing device	Touchpad
HD type	HD	Numeric keypad *	×
LED backlight	1	Full-size keyboard	1
Native aspect ratio	16:9	Keyboard layout	QWERTY
Processor		Software	
Processor manufacturer * Processor family *	Intel Intel® Pentium®	Operating system architecture Operating system installed *	64-bit Windows 8
Processor model *	B960	Processor special features	
Processor cores Processor threads	2 2	Intel® Wireless Display (Intel® WiDi)	×
Processor frequency * System bus rate	2,2 GHz 5 GT/s	Intel® My WiFi Technology (Intel® MWT)	×
Processor cache Processor cache type	2 MB L3	Intel® Anti-Theft Technology (Intel® AT)	×
Processor socket Processor lithography	Socket 988 32 nm	Intel [®] Hyper Threading Technology (Intel [®] HT Technology)	×
Processor operating modes	64-bit	Intel® Turbo Boost Technology	×
Processor series	Intel Pentium B900 Series for Mobile	Intel® Small Business Advantage (Intel® SBA)	×
Processor codename Bus type	Sandy Bridge DMI	Enhanced Intel SpeedStep Technology	 Image: A start of the start of
FSB Parity Stepping	× 00	Intel® Clear Video HD Technology (Intel® CVT HD)	×
Thermal Design Power (TDP)	35 W	Intel Clear Video Technology	×
Tjunction	85 °C	Intel® InTru™ 3D Technology	×

Processor jerviceProcessor jervice is termination of PCI parses deversionPC and parses definition of the Management of th	_			
JameJ	Processor		Processor special features	
PC Forges starts version2.0Indel Quide Synt Valee Technology VCPL inputs conjunctionV16.2 kB v42x4Indel PCM Monry Action StartCPL inputs conjunctionV16.2 kB v42x4Indel PCM Monry Action TechnologyCPL multiplier (boatcare ratio)V16.2 kB v42x4Indel PCM Monry Action TechnologyMemory0003 SPMAMIndel Demand Based SwitchingActionationMemory visits2.0 SO-DMMIndel Cale VI Water Technology IDActionation Internation6.0 GActionation IDMemory visits9.0 GBIntel Actionation IDActionation IDMemory visits9.0 GBIntel Actionation IDActionation IDMemory visits9.0 GBIntel Actionation IDActionation IDMemory visits10PCM Matching Technology IDActionation IDMemory visits9.0 GBIntel Minitarian Technology IDActionation IDManer of Multion ID100 HardenPCM Matching IDActionation IDMultion ID InterfaceActionation IDActionation IDActionation ID </td <td></td> <td>16</td> <td>Intel® Insider™</td> <td>×</td>		16	Intel® Insider™	×
Pickgress configurations1146.28.1 Jan 2.40Intel PLA Memory AccessP (P (Amplif))PCU mulpife Autosofore attal)2AstallSeconda (Amplif)PCU mulpife Autosofore attal)3Astall Tusted Exaction TechnologyAstallHernari memory Vipe0DB3.50PAMTables (PT) Amplif Exaction TechnologyAmplified (P) and PL attallMemory Octo Specific Autosofore attal0DB3.50PAMTables (PT) Amplified (P)		2.0	Intel [®] Quick Sync Video Technology	×
Changene based and a set of the stand of	PCI Express configurations	1x16, 2x8, 1x8+2x4	,	<i>✓</i>
ECC sported by processor × net of Tusted Execution Technology × Memory 4.6.8 intel Enhanced Hull State × Internal memory type DDR3-SDIAMA Tables (EPT) × Memory dock spectra 25.50-00MA Tables (EPT) × Memory dock spectra 25.50-00MA Tables (EPT) × Memory dock spectra 5.60 MHz Intel Ported State × Storage media 5.60 MHz Media × Storage media 5.00 GB Kentra Usika × Storage media 5.00 GB Media × Total storage engales/* 500 GB Media Noncessor Code Storage media MDD capacity 500 GB Media Media Storage media Storage media MDD capacity 500 GB Media Media Storage media Storage media MDD tarpface 500 RPM Processor Code Storage media Storage media MDD tarpface 500 RPM Processor Code Storage media Storage media MDD tarpface 500 RPM Processor Code Storage media Storage media MDD tarpface Storage media Nata Media Storage media Moread Storage m	CPU multiplier (bus/core ratio)	22		×
MemoryIntel Wrav with Extende Page Intel Wrav with Extende Page Intel Wrav with Extende Page Memory stock speedAGB Maximum internal memory wa DD3 SDRAMIntel Derawa dasad Switching Memory stock speedAGB Memory stock s	ECC supported by processor	×		×
Internal memory'se memory toys4.63 DRB SDRAMInternal memory toy Biles (FM)Selection Biles (FM)Selection Biles (FM)Selection Biles (FM)Memory dots Maximum interal memory Sorge media5.8 0-DIMAInterdo Technology FMU/DAStrage Sorge media6.6 0Section Technology Biles (FM)AStrage Sorge media100 0Idea State Biles (FM)ATotal storage capacity500 GBIdea State Biles (FM)ATotal Ibbs capacity500 GBNoressor package size Solge (FM)Sis Stat. Stat. 2HDD inderSo DopaditySol GBNoressor package size Solge (FM)Sis Stat. Stat. 2HDD inderSo DopaditySol GBNoressor package size Solge (FM)Sis Stat. Stat. 2HDD inderSo Dopadity (FM)Sol GBNoressor package size Sol Sol GBSis Sis Sis Sis Sis Sis Sis Sis Sis Sis	Memory			
Internal memory typeDDR3.SDRAMTables (Pf)*Memory dick speed1600 MHzIncel Demand Based Switching%Maximum internal memory 's25 SO-DIMMIncel Demand Based Switching%Maximum internal memory 's500 GBExecute Disable BitTotal storage capacity '500 GBExecute Disable BitTotal HDC sapacity500 GBExecute Disable BitMumber of HDDs installed100Hermal Monitoring Technology (SC)%HDD capacity500 GBSupported instruction setsSFA:1.5 ExA:2HDD capacity500 GBProcessor package size\$S7:37.5 (PPGA0888)HDD interfaceSAO RPMProcessor package size\$S7:37.5 (PPGA0888)HDD interfaceNot and size\$S0:07\$S0:07Onback graphics card modelNot and size\$S0:07\$S0:07Discrete graphics card modelNot and size\$S0:07\$S0:07Onback graphics card m	Internal memory *	4 GB		
Network of the second of the	Internal memory type	DDR3-SDRAM	5	×
Naximum internal memory*6 GBMole internet Decises (interiCV×StorageSor GBKecute Disable BitStorage media*NOO GBKecute Disable BitTotal Itolog capacitySOO GBProcessor package size37.537.5 (PCA/9888)HDD capacitySoo GBSupported Instruction setsSSE41.5SE4.2HDD protextorSATASupported Instruction setsSSE41.5SE4.2HDD protextorSATACPU configuration(max)IACCAPPERHDD protextorSATACPU configuration(max)SSE41.5SE4.2Compatible memory cardsSATACPU configuration(max)IACCAPPERCompatible memory cardsSATACPU configuration(max)IACCAPPERCompatible memory cardsNot availableIntel Virtualization TechnologyZamanterCompatible memory cardsNot availableIntel Virtualization TechnologyZamanterCompatible card model*Not availableIntel Virtualization TechnologyZamanterDiscrete graphics card model*Intel BO GraphicsIntel Rapid Storage TechnologyZamanterOn-board graphics card model*Intel BO GraphicsIntel Rapid Storage TechnologyZamanterOn-board graphics card model*Intel BO GraphicsIntel Rapid Storage TechnologyZamanterConcost displace far displace far displaceIntel Rapid Storage TechnologyZamanterConcost displace far displace far displace far displace far displaceZamanterZamanterConcost displace far displace far displace far displace far displace far di	Memory clock speed	1600 MHz	Intel Demand Based Switching	×
Bandmannetion methodGoldfor MDDStorageIntel 64Total storage capacity*500 GBExecute Disable BitTotal HDD, capacity500 GBInernal Monitoring TechnologiesNumber of HDDs installed1Processor package size37.5x37.5 (PGA988B)HDD capacity500 GBBipperied instruction setsSSR1, SSR.2HDD spacedSA0 RPMProcessor codeSR07HDD spacedVDN Super Multi DLEmbedded options availableXCard reader integratedVON Super Multi DLEmbedded options availableXGraphicsDVD Super Multi DLEmbedded options availableXOn-baard graphics card model*Not availableNational Struction StrainableXOn-baard graphics card familyIntel HD capacityXXOn-baard graphics card familyIntel HD GraphicsIntel HD lab Disping CapabiXOn-baard graphics card drambingIntel HD GraphicsIntel FAD TechnologyXOn-baard graphics card drambingIntel FAD TechnologyXXIntel FAD TechnologyIntel FAD TechnologyXXOn-baard graphics card drambingIntel FAD TechnologyXXInterest of GraphicsIntel FAD Technology				
Total storage capacity*500 GBExecute Disable Bit·Storage media*HDDIde States·Storage media*HDDIde States·Number of HDDs installed1Processor package size37.5x37.5 (PGA98BB)HDD capacityS00 GBProcessor package size37.5x37.5 (PGA98BB)HDD capacityS00 GBProcessor package size37.5x37.5 (PGA98BB)HDD capacityS00 GBProcessor codeSR07HDD speedS400 RPMCP configuration (max)1Card reader integratedvaco PMGraphics S IMC (Hograph)32 andCompatible memory cardsS0GGGraphics S IMC (Hograph)32 andDiscrete graphics card node*Net availableFuel Urfuzilization Technology (rV)vaco PackageOn-board graphics card node*Net availableIntel PUT unitization Technology (rV)vaco PackageOn-board graphics card node*S0 MHzIntel Rapid Storage Technologyvaco PackageOn-board graphics card node*Intel Rapid Storage Technologyvaco PackagePackage TechnologyIntel Rapid Storage Technologyvaco PackagePackage Technol	Maximum internal memory *	6 GB		*
Storage mediaHDD<	Storage		Intel 64	1
Total HDDs capacityS00 GBInernal Monitoring TechnologiesNumber of HDDs installed1Freeden Monitoring TechnologiesHDD capacityS00 GBSupported Instruction setsSSA1, SSE4.2HDD interfaceSATASupported Instruction setsSR07VHDD speedOptical drive type *DVD Super Multi DLEmbedded options availableSN07VCard reader integratedCard reader integratedSTermal Monitoring Technology for Directed (OVT-4)XCard reader integratedNot availableIntel Virtualization Technology (OVT-4)XOn-baard graphics card model *Not availableIntel Virtualization Technology (OVT-4)XOn-baard graphics card model *Not availableIntel Virtualization Technology (OVT-4)XOn-baard graphics card familyIntel HD GraphicsIntel Pio Technology (OVT-4)XOn-baard graphics card familyIntel HD GraphicsIntel Rapid Storage TechnologyXOn-baard graphics card familyIntel HD GraphicsIntel Rapid Storage TechnologySOn-baard graphics card familyIntel HD GraphicsIntel Rapid Storage TechnologySOn-baard graphics card familyIntel HD GraphicsIntel Rapid Storage TechnologyXOn-baard graphics card familyIntel HD GraphicsMinumero feedeeSOn-baard graphics card familyIntel HD GraphicsSSOn-baard graphics card familyIntel HD GraphicsSSProcessor ARK IDSSS <td< td=""><td>Total storage capacity *</td><td>500 GB</td><td>Execute Disable Bit</td><td>1</td></td<>	Total storage capacity *	500 GB	Execute Disable Bit	1
Number of HDDs installed1Imermal Monitoring TechnologiesVHDD interfaceS00 GBS00 GBS00 processor cadeS75x37.5 (PGA980B)HDD binerfaceSATASupported instruction setsS75x37.5 (PGA980B)HDD speedS00 RPMOPU configuration (max)1Card reader integratedVOPU configuration (max)NOVCompatible memory cardsSDIntel Virualization Technology for Intel Virualization Technology for Notected 10 (V1-d)XCompatible memory cardsNot availableIntel Virualization Technology for Notected 10 (V1-d)XDiscrete graphics card modelNot availableIntel Virualization Technology for Notected 10 (V1-d)XOn-board graphics card modelIntel PI GraphicsIntel PI DerchologyXOn-board graphics card modelIntel PI DerchologyXXOn-board graphics card modelIntel PI DerchologyXXNumber of builtin speakers100 MHzConfict-Free processorXXAudio systemNBatery technologyUtilum-Ion (Lilon)XSpeakers manufactureNSeakers particesSeakersXNumber of builtin speakers1Batery technologyUtilum-Ion (Lilon)Speakers manufactureNSeakersSeakersSeakers	5		Idle States	1
HDD capacity500 GBProcessor package size37.53.75 (PFCA989BB)HDD interfaceSATASeparation (max)SEGA 2HDD speedA00 RPMCPU configuration (max)1Card reader integratedVD Super Multi DLCPU configuration (max)1Card reader integratedSDGraphics GM (bihography)32 nmCompatible memory cardsSDIntel Virtualization Technology of2Compatible memory cardsNotavaliableIntel Virtualization Technology of2Discrete graphics card modelNotavaliableIntel Notavaliable2On-board graphics card familyIntel BD GraphicsNotavaliable2On-board graphics card familyIntel SPI Card Moniny Access22On-board graphics card familyIntel SPI Card Moniny Access32NotavaliableAccessor Ack Notavaliable222NotavaliableAccessor Ack Notavaliable322<			Thermal Monitoring Technologies	1
HDD interface HDD speedSATASupported instruction setsSFS4.1, SSF4.2HDD speed5400 RPMProcessor codeSROVHDD speedVD Super Multi DLEmbedded options availableXCard reader integratedVCPU configuration (max)XCompatible memory cardsSource and speed in the Virtualization Technology (VT x)XCarphics card modelNot availableIntel Virtualization Technology (VT x)XDiscrete graphics card modelNot availableIntel Dial Display Capable TechnologyXOn-board graphics card modelIntel® HD GraphicsIntel PD TechnologyXOn-board graphics card modelIntel® HD GraphicsIntel Rapid Storage TechnologyXOn-board graphics card formioS00 MHzIntel Rapid Storage TechnologyXOn-board graphics card formioForessor ARK IDS9836On-board graphics card formioHDExterProcessor ARK IDS9836S9836On-board graphics card formioIntel Rapid Storage TechnologyXNumber of built-in SpeakerIntel Rapid Storage TechnologyXNumber of built-in SpeakerActactansingS9836Number of built-in SpeakerActactansingSetterNumber of built-in SpeakerActactan			Processor package size	37.5x37.5 (rPGA988B)
HDD speedS400 RPMProcessor codeSR07VOptical dive type*VD Super Multi DLCPU configuration (maxi)1Card reader integrated>Graphics & IMC lithography32 nmCompatible memory cardsSDHebdded options available32 nmCompatible memory cardsNot availableIntel Virtualization Technology (MU rulazation Technolog			Supported instruction sets	SSE4.1, SSE4.2
Optical drive type*DVD Super Multi DLCPU configuration (max)1Card eteder integratedKindeded options availableXCompatible memory cardsSDGraphics & IMC lithography3 2 nmGraphicsNot availableIntel Virtualization Technology (max)XDiscrete graphics card model *Not availableIntel Virtualization Technology (max)XOn-board graphics cardXIntel Dual Display CapableZDiscrete graphics card model *Not availableIntel Port InologyXOn-board graphics card model *Intel & HD GraphicsIntel Port FonologyXOn-board graphics card model *Intel & HD GraphicsIntel Port FonologyXOn-board graphics card model *Intel & HD GraphicsIntel Rapid Storage TechnologyXOn-board graphics card model *Intel & HD GraphicsIntel Rapid Storage TechnologyXOn-board graphics card model *Intel & HD GraphicsIntel Rapid Storage TechnologyXOn-board graphics card model *Intel & HD GraphicsIntel Rapid Storage TechnologyXNumber do battiring speakers1Integrated 4G WIMAXXAudio systemHDBatteryXXSpeakers manufacturerAltec LansingBattery cepacity6Builtin incrophoneVCSXVirif IVSSSPorter IVSSSPorter IVSSSPorter IVS				SR07V
Carb case integratedPGraphics & IMC lithography Intel Virtualization Technology or Intel Virtualization Technology or N2 nmCompatible memory cardsNot availableIntel Virtualization Technology (VT NXDiscrete graphics card model *Not availableIntel Virtualization Technology (VT NXOn-board graphics card model *XIntel Virtualization TechnologyXOn-board graphics card model *XIntel Dual Display Capable TechnologyXOn-board graphics card model *Intel ® HD Graphics Intel ® HD GraphicsIntel Rast Memory AccessXOn-board graphics card model *Intel ® HD GraphicsIntel Rast Memory AccessXOn-board graphics card dynamic frequency (max)100 MHzBattery technologyXAudio systemHDBattery technologyIthlum-Ion (Lilon) Speakers manufaturerNumber of battery cells6Number of built-in speakers1Battery technology470 vhFort cameraYCale lock slotXVi-Fi 4 (doc11n)Acadapter power6Number of built-in speakers10.00.000 MbirsSustanability certificatesNVi-Fi 4 (abc12n)Vi-Fi 4 (doc11n)Sustanability certificatesNNumber of built-in speaker10.00.000 MbirsSustanability certificatesNVi-Fi 4 (abc12n)Vi-Fi 4 (doc11n)Sustanability certificatesNNoter of built-in speaker10.00.000 MbirsSustanability certificatesNNoter of built-in speaker10.00.00	•		CPU configuration (max)	1
Compatible memory cardsSDIntel Virtualization Technology for Directed Vio (VT-d)×GraphicsNot availableNot availableNot available×On-board graphics card *×Technology Capable×Discrete graphics card *×Technology Capable×On-board graphics card *×Technology Capable×On-board graphics card modelIntel® HD GraphicsIntel Rapid Storage Technology×On-board graphics card duadeIntel® HD Graphicsintel Rapid Storage Technology×On-board graphics card duadeIntel® HD Graphicsintel Rapid Storage Technology×On-board graphics card duadeIntel® HD Graphicsintel Rapid Storage Technology×On-board graphics card dynamicIntel® HD GraphicsIntel Rapid Storage Technology×On-board graphics card dynamicIntel® HD GraphicsIntel Rapid Storage Technology×On-board graphics card dynamicIntel® HD GraphicsIntel Rapid Storage Technology×Mufor of built-in speakers1Battery××Audio systemHDBattery technologyItihium-Ion (Li-Ion)Speakers manufacturerAltec LansingBattery technology40 WhatSpeakers manufacturerCompatible40 WhatFront cameraCompatible40 WhatPorter termetaSolage Technology×Ithin Jono MotirsSustanability CertificatesENErcy STARIthin Jono Motirs <td>Card reader integrated</td> <td>1</td> <td>Embedded options available</td> <td></td>	Card reader integrated	1	Embedded options available	
Graphics Directed 10 (VT-d) * Discrete graphics card model * Not available * Not available * Not available * On-board graphics card * * Intel Virtualization Technology (V) * Discrete graphics card family Intel® HD Graphics Intel PDI Technology * On-board graphics card family Intel® HD Graphics Intel Rath Bast Memory Access 7 * On-board graphics card dynamic 1100 MHz Conflict-Free processor AK \$ On-board graphics card dynamic Intel Rath Memory Access 7 * * On-board graphics card dynamic Into MHz Secssor AK ID \$9836 On-board graphics card dynamic Into MHz Secssor AK ID \$9836 Number of builtin speakers 1 Males Change Mitted Wittal * Speakers manufacturer Altec Lansing Mumber of builting Paster Cells 6 Builtin microphone I Security Security 5 Frequency (max) Intel Rath March Rath Rath Rath Rath Rath Rath Rath Rat	Compatible memory cards	SD		32 nm
Discrete graphics card model*Not availableIntel Virtualization Technology (VI, x)XOn-board graphics card *×**Discrete graphics card *×**Discrete graphics card *×**On-board graphics card familyIntel® HD GraphicsIntel Rapid Storage Technology×On-board graphics card domainIntel® HD GraphicsIntel Rapid Storage Technology×On-board graphics card dynamic frequency (max)100 MHzProcessor ARK ID59836On-board graphics card dynamic frequency (max)100 MHzTengrated G WiMAX×Audio systemHDBattery technologyLithium-lon (Li-lon)Speakers manufacturer Built-in microphone1Battery technology4Number of built-in speakers1Battery technology4Speakers manufacturer Fort camera1RodSecurity4Vi-Fi Standard*Ni-Fi 4 (802.11n)Cadapter power50 SWVi-Fi Standard*Ni-Fi 4 (802.11n)Cale lock slot×Number of built-in speakers10.100.000 Mbit/sSustainability certificatesENERGY STARBultetoh wersion4.0Vieft 4 dimensions1Bultoh wersion4.0Wift 4 dimensions1Si 22.0 ports quantity*1124Bultoh wersion1Mich4.0Si 22.0 ports quantity*1124.5 gBultoh wersion1124.5 gSi 24.0 ports quantity* <td< td=""><td>Graphics</td><td></td><td>57</td><td>×</td></td<>	Graphics		57	×
On-board graphics card ****Discrete graphics card 4×incl Dual Display Capable rechnology*On-board graphics card familyIntel® HD GraphicsIntel FD Technology*On-board graphics card base frequency650 MHzIntel Rapid Storage Technology*On-board graphics card dynamic frequency (max)100 MHzIntel Fast Memory Access*On-board graphics card dynamic frequency (max)100 MHzIntel Fast Memory Access*Audio systemHDBattery Echnology×Number of built-in speakers1Battery EchnologyLithium-Ion (Li-Ion)Speakers manufacturer1Battery EchnologyLithium-Ion (Li-Ion)Speakers manufacturer1Altec Lansing*Mumber of built-in nicrophone*Pocesor ARK IDSSpeakers manufacturer1Altec Lansing*Speakers manufacturer*Battery capacity *6Built-in microphone*Conflic Ark*Frequency*Conflic Ark*Speakers manufacturer*Ac adapter power*Frequency*Conflic Ark**Speakers manufacturer*Ac adapter power*Frequency*Security**Speakers manufacturer*Ac adapter power*Speakers manufacturer*Security*Speakers manufacturer*Security*Speakers manufacturer <td< td=""><td>-</td><td>Not available</td><td></td><td>v</td></td<>	-	Not available		v
Discrete graphics card* × intel Dual Display Capable Technology * On-board graphics card family Intel® HD Graphics Intel RD Craphics Intel RD Craphics Intel RD Craphics On-board graphics card model Intel® HD Graphics Intel® HD Graphics Intel® RD Craphics X On-board graphics card dynamic frequency Intel® HD Graphics Intel® AD Graphics Y Y On-board graphics card dynamic frequency (max) 100 MHz Tecressor ARK ID S9836 On-board graphics card dynamic frequency (max) Intel RD Graphics Y Y Audio system HD Battery X X Audio system 1 Rd Capter Capacity 47 Wh Speakers manufacturer 1 Battery technology 100 MHz Speakers manufacturer 4 Y W Front camera 4 AC Cadapter power 65 W Speakers manufacturer 9 Security 4 Wi-Fi damard V Feoretry 7 Front camera 9 AC Cadapter power 65 W <td>5.</td> <td></td> <td>x)</td> <td>*</td>	5.		x)	*
On-board graphics card family On-board graphics card model * Intel® HD GraphicsIntel® HD Graphics Intel® HD GraphicsIntel Rapid Storage Technology×On-board graphics card model * Gender graphics card dynamic Prequency (max)650 MHzIntel Fast Memory Access*On-board graphics card dynamic Prequency (max)1100 MHzFrequency59836On-board graphics card dynamic Prequency (max)1100 MHzIntel Fast Memory Access*Audio SystemHDBatteryXXAudio systemHDBattery technologyLithium-Ion (Li-Ion)Speakers manufacturer Built-in microphoneAltec LansingMumber of battery cells Battery technology65 WSpeakers manufacturer Front camera*Ac dapter power65 WNumber of built-in speakers Built-in microphone*Ac dapter power65 WVi-Fi 	5.	x		1
On-board graphics card model* Intel® HD Graphics Intel Rapid Storage Technology × On-board graphics card base frequency (max) 650 MHz Intel Fast Memory Access ✓ On-board graphics card dynamic frequency (max) 100 MHz Processor ARK ID 59836 On-board graphics card dynamic frequency (max) 100 MHz Froessor ARK ID 59836 Audio Integrated 4G WiMAX × × Audio system HD Battery × Number of built-in speakers 1 Battery technology Lithium-Ion (Li-Ion) Speakers manufacturer Altec Lansing Number of battery cells 6 Built-in microphone ✓ Battery capacity* 47 Wh Camera ✓ Col jack ✓ Front camera ✓ AC adapter power 55 W Network ✓ Col jack ✓ Wi-Fi standard* 802.11b, 802.11n Cale lock slot × Wi-Fi standard* 10.00.000 Mbit/s Sustainability certificates ENERGY STAR Bluetooth version 4.0 <t< td=""><td></td><td></td><td></td><td>1</td></t<>				1
on-board graphics card base frequency 650 MHz Intel Fast Memory Access · On-board graphics card dynamic frequency (max) 100 MHz Forcessor ARK ID 59836 Audio Integrated GWIMAX X Audio Integrated GWIMAX X Audio system HD Battery X Number of built-in speakers 1 Battery technology Lithium-Ion (Li-Ion) Speaker manufacturer Altec Lansing Mumber of battery capacity 47 Wh Built-in microphone 4 Acd adpter power of battery capacity 47 Wh Font camera 4 Acd adpter power 65 W Wi-Fi ot camera 4 Acd adpter power 65 W Wi-Fi standard * V-Fi 4 (802.11n) Cale lock slot X Wi-Fi standard * Wi-Fi 4 (802.11n) Gale lock slot X Bluetooth tersion 4.0 Sustainability certificates ENERGY STAR Bluetooth version 4.0 Sustainability certificates ENERGY STAR Bluetooth version 4.0 Sustainability certificates 35,		•		-
Industry Processor ARK ID 59836 On-board graphics card dynamic frequency (max) 1100 MHz Conflict-Free processor X Audio Integrated 4G WiMAX X Audio system HD Battery X Number of built-in speakers 1 Battery technology Lithium-Ion (Li-Ion) Speakers manufacturer Altec Lansing Battery capacity 6 Built-in microphone 4 Battery capacity 4/7 Wh Camera Power Vertain Vertain Mumber of built-in speakers 1 Cadapter power 6 Number of built-in microphone 4 Cadapter power 55 W Camera - Scurity 50 W Number of built-in speakers 10 Cadapter power 55 W Number of built-in speakers - Scurity - Front camera - Scalapter power Sci Scurity Number of built-in speakers - Scurity Scurity Scurity Number of built-in speakers		650 MHz		
Onload graphics and dynamic1100 MHzConflict-Free processor×AudioIntegrated 4G WIMAX×Audio systemHDBattery×Number of built-in speakers1Battery technologyLithium-Ion (Li-Ion)Speakers manufacturerAltec LansingNumber of battery cells6Built-in microphone~Audio47 WhCamera·Power·Front camera~AC adapter power55 WNumber of built-in speakers·Conflict-Free processor*Vi-Fi·Conflict-Free processor*Wi-Fi (accessor)·Conflict-Free processor*Wi-Fi standards02-110, accessor**Wi-Fi standards10,100,000 Mbit/sCable lock slot×Bluetooth version··Sustainability certificatesENERGY STARBluetooth version4.0Vidth376 mmSp 20, opris quantity*3Pepth247 mmISB 2.0 ports quantity*1Vergit**2,45 kgBluetooth version1Vergit**2,45 kgDV port×Ac adapter included**DVI port×Ac adapter included**Vid(IO-Sub) ports quantity*1Ac adapter included**Vid(IO-Sub) ports quantity1Ac adapter included**Vid(IO-Sub) ports quantity1Ac adapter included**Vid(IO-Sub) ports quantity1Ac adapter included** <t< td=""><td></td><td></td><td>•</td><td></td></t<>			•	
AudioIntegrated 4G WiMAXXAudio systemHDBatteryNumber of built-in speakers1Battery technologyLithium-ion (Li-lon)Speakers manufacturerAltec LansingMumber of battery cells6Built-in microphone-Battery capacity*47 WhCamera-Power-Front camera-AC adapter power65 WNumber of battery cells65 W-Noterio-Coll power65 WNumber of battery cells60 W-Number of battery cells65 W-Number of battery cellsNumber of battery cells65 W-Number of battery cellsNumber of battery cellsWi-Fi 4 (802.11n)Wi-Fi 4 (802.11g, Wi-Fi 4 (802.11g)Wi-Fi 4 (adata ratesBluetoothBluetoothStatinability certificatesBluetooth </td <td></td> <td>1100 MHz</td> <td></td> <td></td>		1100 MHz		
Number of built-in speakers speakers manufacturer built-in microphone1Attery technology Number of battery cells Battery capacity*Lithium-Ion (Li-lon) 6Built-in microphone	Audio			×
Number of built-in speakers speakers manufacturer built-in microphone1Attery technology Number of battery cells 		HD	Battery	
Speakers manufacturer Built-in microphoneAltec LansingNumber of battery cells Battery capacity*6Built-in microphoneAr WhCameraPowerFront cameraAC adapter power65 WNumber of battery cells65 WNetworkDC-in jackWi-FiCacurityTop Wi-Fi standard*Wi-Fi 4 (802.11n)Cable lock slotXWi-Fi standards802.11b, 802.11g, Wi-Fi 4 (802.11)Cable lock slotXBiluetonthStatinabilityEthernet LANSustainability certificatesENERGY STARBluetooth versionWidh376 mmBluetooth versionDepth247 mmJSB 2.0 ports quantity*S8 mm245 mmHDMI ports quantity*1245 mmDVI portXAc dapter included *VGA (D-Sub) ports quantity1Headphone outputs1Headphone outputs1Headphone outputs1Headphone outputs1Headphone outputs1Headphone outputs1Headphone outputs1Headphone outputs1Headphone outputs1Headphone			•	Lithium Ion (Li Ion)
Builtin microphone I enter capacity* 47 Wh Camera Power Ford camera 65 W Front camera I cadapter power 65 W Network C-in jack I cadapter power Wi-Fi I cadapter power I cadapter power Yi-Fi standard* Wi-Fi 4 (802.11n) Cable lock slot X Wi-Fi standards 802.11b, 802.11g, Wi-Fi 4 (802.11) Cable lock slot X Wi-Fi standards 802.11b, 802.11g, Wi-Fi 4 (802.11) Cable lock slot X Ethernet LAN Sustainability certificates ENERGY STAR Bluetoth version 10,100,000 Mbit/s Sustainability certificates ENERGY STAR Bluetoth version 40 Vidth 376 mm Stasi canterfaces Vidth Y Y VIS 2.0 ports quantity* 3 S,8 mm 3,5 8 mm Stasper canterfaces Viejnt* 2,45 kg X MDM ports quantity* 1 Acadapter included * 4 X VIS 2.0 ports quantity* 1 Acadapter included * <td< td=""><td>Speakers manufacturer</td><td>Altec Lansing</td><td></td><td>. ,</td></td<>	Speakers manufacturer	Altec Lansing		. ,
CameraPowerFront cameraAC adapter power65 WNetworkDC-in jackWi-FiSecurityTop Wi-Fi standard *Wi-Fi 4 (802.11n)Cable lock slot×Wi-Fi standards802.11b, 802.11g, Wi-Fi 4 (802.11n)Cable lock slot×Ethernet LANSecuritySecurityEthernet LANSustainabilityBluetoothWieft & dimensionsBluetooth version4.0Width376 mmDVS 2.0 ports quantity *3Depth 4 dimensionsUSB 2.0 ports quantity *3Weight *3,88 mmHDMI ports quantity *1AC adapter included *VI portXCadapter included *VSG (D-Sub) ports quantity1Other featuresVGA (D-Sub) ports quantity1StartingHeadphone outputs1Starting	Built-in microphone	1	,	
Front cameraImage: Provide a straight of the straight	Camera			
NetworkDC-in jackOF interpreter pointNetworkDC-in jackWi-FiSecurityTop Wi-Fi standard *Wi-Fi 4 (802.11n)Cable lock slotXWi-Fi standards802.11b, 802.11g, Wi-Fi 4 (802.11n)Cable lock slotXEthernet LANSustainabilityEthernet LAN data rates10,1000 Mbit/sSustainability certificatesENERGY STARBluetooth version4.0Width376 mmPorts & interfacesDepth247 mmUSB 2.0 ports quantity *3Depth35,8 mmUSB 2.0 ports quantity *1Packaging content245 kgHDMI ports quantity *1AC adapter included *VGA (D-Sub) ports quantity1Other featuresVGA (D-Sub) ports quantity1Other featuresHeadphone outputs13DX	Front camera	1		65 W
NetworkWi-FiSecurityTop Wi-Fi standard *Wi-Fi 4 (802.11n)Cable lock slot×Wi-Fi standards802.11b, 802.11g, Wi-Fi 4 (802.11n)Cable lock slot×Ethernet LANSustainabilitySustainabilityEthernet LAN data rates10,100,1000 Mbit/sSustainability certificatesENERGY STARBluetoothWeight & dimensionsBluetooth version4.0Width376 mmPorts & interfacesDepth247 mmUSB 2.0 ports quantity *3Sam35,8 mmUSB 2.0 ports quantity *1Peckaging content2,45 kgHDMI ports quantity *1AC adapter included *VSA (D-Sub) ports quantity1Other featuresVSA (D-Sub) ports quantity1Other featuresHeadphone outputs13DX				
Top Wi-Fi standards*Wi-Fi 4 (802.11n)Cable lock slot×Wi-Fi standards802.11b, 802.11g, Wi-Fi 4 (802.11) Sustainability Ethernet LAN• Sustainability Ethernet LAN10.100.00 Mbit/sWeight & dimensionsBluetooth•Weight & dimensionsBluetooth version4.0Width376 mmPorts & interfaces0.100.00 Mbit/sDepth247 mmUSB 2.0 ports quantity *310Weight *3.58 mmBluetooth version1Packaging content2.45 kgVDI port×AC adapter included *•VDI port1Other features•VGA (D-Sub) ports quantity1DataMetric featuresHeadphone outputs13D×				
Wi-Fi standards802.11b, 802.11g, Wi-Fi 4 (802.11n)SustainabilityEthernet LAN✓Sustainability certificatesENERGY STAREthernet LAN data rates10,100,1000 Mbit/sSustainability certificatesENERGY STARBluetooth✓Weight & dimensionsWeight & dimensionsBluetooth version4.0Width376 mmPorts & interfacesDepth247 mmUSB 2.0 ports quantity *3Depth35,8 mmUSB 2.0 ports quantity *1Packaging content2,45 kgHDMI ports quantity *1AC adapter included *✓VGA (D-Sub) ports quantity1Other features✓Headphone outputs13DX				
Ethernet LAN ✓ Sustainability Ethernet LAN data rates 10,100,000 Mbit/s Sustainability certificates ENERGY STAR Bluetooth ✓ ✓ ✓ Bluetooth version 4.0 Width 376 mm Ports & interfaces Depth 247 mm USB 2.0 ports quantity* 3 Depth 35,8 mm Ethernet LAN (RJ-45) ports 1 Yeight * Content 2,45 kg HDMI ports quantity* 1 Packaging content ✓ VGA (D-Sub) ports quantity 1 Other features ✓ Yeaphone outputs 1 3D ×	•			x
Ethernet LAN data rates10,100,1000 Mbit/sSustainability certificatesENERGY STARBluetoothBluetooth version4.0Width376 mmPorts & interfacesDepth247 mmUSB 2.0 ports quantity *3Depth35,8 mmEthernet LAN (RJ-45) ports1245 kgHDMI ports quantity *1Packaging contentVGA (D-Sub) ports quantity1AC adapter included *VGA (D-Sub) ports quantity1Dut portHeadphone outputs1Dut portHeadphone output			Sustainability	
Bluetooth ✓ Weight & dimensions Bluetooth version 4.0 Width 376 mm Ports & interfaces Depth 247 mm USB 2.0 ports quantity* 3 35.8 mm HDMI ports quantity* 1 245 kg DVI port X AC adapter included * ✓ VGA (D-Sub) ports quantity 1 Other features ✓ JUS 2.0 ports quantity 1 AC adapter included * ✓ DVI port X AC adapter included * ✓ ✓ Headphone outputs 1 DU ✓ ✓ ✓ Buedoth version 1 DU ✓ ✓ ✓ MEAD 1 DU ✓ ✓ ✓ ✓ MEAD 1 DU ✓ ✓ ✓ ✓ ✓ MEAD 1 DU ✓ <t< td=""><td></td><td></td><td>Sustainability certificates</td><td>ENERGY STAR</td></t<>			Sustainability certificates	ENERGY STAR
Bluetooth version 4.0 Width 376 mm Ports & interfaces Depth 247 mm USB 2.0 ports quantity* 3 Beight 35.8 mm Ethernet LAN (RJ-45) ports 1 Packaging content 2,45 kg DVI port X AC adapter included * ✓ ✓ VGA (D-Sub) ports quantity 1 Other features ✓ Headphone outputs 1 Other features ✓			Weight & dimensions	
Ports & interfacesHeight35,8 mmUSB 2.0 ports quantity *3Weight *2,45 kgEthernet LAN (RJ-45) ports1Packaging content2,45 kgHDMI ports quantity *1AC adapter included *DVI portXAC adapter included *VGA (D-Sub) ports quantity1Other featuresHeadphone outputs13DX			Width	376 mm
Height 35,8 mm USB 2.0 ports quantity* 3 Ethernet LAN (RJ-45) ports 1 HDMI ports quantity* 1 DVI port X VGA (D-Sub) ports quantity 1 Headphone outputs 1	Ports & interfaces		•	
Ethernet LAN (RJ-45) ports 1 Packaging content HDMI ports quantity* 1 Packaging content DVI port X AC adapter included * VGA (D-Sub) ports quantity 1 Other features Headphone outputs 1 3D		3	5	
HDMI ports quantity* 1 Packaging content DVI port X AC adapter included * ✓ VGA (D-Sub) ports quantity 1 Other features Headphone outputs 1 3D X			Weight *	2,45 kg
DVI port X AC adapter included * ✓ VGA (D-Sub) ports quantity 1 Other features Headphone outputs 1 3D X			Packaging content	
VGA (D-Sub) ports quantity 1 Other features Headphone outputs 1 3D X		×	AC adapter included *	✓
Headphone outputs 1 3D ×		1	Other features	
S/PDIF out port X	Headphone outputs	1		×
	S/PDIF out port	×		

Ports & interfaces	
Microphone in	✓
Docking connector	×

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.