ASUSPRO A4321UTH-BE014D Intel® Celeron® G G3900 49,5 cm (19.5") 1600 x 900 pixels Touchscreen All-in-One PC 4 GB DDR4-SDRAM 1 TB HDD FreeDOS Black

Brand : ASUS Product family: ASUSPRO Product code: 90PT01L1-

M12290

Product name: A4321UTH-

BE014D

Intel Celeron G3900 (2.8GHz, 2M Cache), 4GB RAM, 1000GB HDD, Intel HD Graphics 510, WLAN 802.11, Ethernet, WebCam, DOS

ASUSPRO A4321UTH-BE014D. Product type: All-in-One PC. Display diagonal: 49,5 cm (19.5"), HD type: HD+, Display resolution: 1600 x 900 pixels, Touchscreen. Processor family: Intel® Celeron® G, Processor frequency: 2,8 GHz. Internal memory: 4 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 1 TB, Storage media: HDD. Built-in camera. Optical drive type: DVD Super Multi. Operating system installed: FreeDOS. Product colour: Black





	Ports & interfaces	
49,5 cm (19.5") 1600 x 900 pixels ✓ HD+ ✓ Flat	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * HDMI ports quantity * VGA (D-Sub) ports quantity Headphone outputs Microphone in	4 1 1 1 •
		1
Intel Intel® Celeron® G G3900	Product colour * Cable lock slot Cable lock slot type	Black ✓ Kensington
	Performance	
2,8 GHz	Product type *	All-in-One PC
	Software	
8 GT/s	Operating system installed *	FreeDOS
51 W 3.0 LGA 1151 (Socket H4) 14 nm 64-bit S0	Processor special features	
	Intel® Turbo Boost Technology Intel® Hyper Threading Technology (Intel® HT Technology)	x x
	Intel® Small Business Advantage (Intel® SBA)	×
DMI3	Intel® Wireless Display (Intel®	✓
Skylake Intel Celeron Processor G3000 series for Desktop	Enhanced Intel SpeedStep Technology	✓
16 1x16, 1x8+2x4, 2x8	Intel® Quick Sync Video Technology Intel® Clear Video HD Technology (Intel® CVT HD)	1
	1600 x 900 pixels ✓ HD+ ✓ Flat Intel Intel® Celeron® G G3900 2 2 2,8 GHz 2 MB Smart Cache 8 GT/s 51 W 3.0 LGA 1151 (Socket H4) 14 nm 64-bit S0 DMI3 Skylake Intel Celeron Processor G3000 series for Desktop 16	49,5 cm (19.5") 1600 x 900 pixels ✓ HD+ ✓ Flat Flat Intel Intel® Celeron® G G3900 2 2 2 3 Performance 2,8 GHz 2 MB Smart Cache 8 GT/s 51 W 3.0 LGA 1151 (Socket H4) 14 nm 64-bit 10 mm 64-bit S0 DMI3 Skylake Intel Celeron Processor G3000 series for Desktop IUSB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * WOGA (D-Sub) ports quantity Peadphone outputs Microphone in Serial ports quantity Design Product colour * Cable lock slot Cable lock slot type Performance Product type * Software Operating system installed * Processor special features Intel® Turbo Boost Technology Intel® Small Business Advantage (Intel® SBA) Intel® Wireless Display (Intel® WiDi) Enhanced Intel SpeedStep Technology Intel® Quick Sync Video Technology Intel® Quick Sync Video Technology Intel® Clear Video HD Technology

Processor code SR2HV Intel Clear Video Technology ✓ Maximum internal memory supported by processor 64 GB Intel® InTru™ 3D Technology ✓ Conflict-Free processor ✓ Intel® InTru™ 3D Technology ✓ Memory types supported by processor DDR3L-SDRAM, DDR4-SDRAM AES-Nu) ✓ Memory clock speeds supported by processor Intel Trusted Execution Technology × Memory bandwidth supported by processor Intel Enhanced Halt State ✓ Memory bandwidth supported by processor (max) Jual Intel® Secure Key ✓ Memory channels supported by processor Jual Intel® Secure Key ✓ Memory voltage supported by processor Intel TSX-NI X ECC supported by processor Intel® OS Guard X Memory Intel® OS Guard X Memory Intel® Software Guard Extensions ✓ Internal memory * 4 GB Intel® Glear Video Technology for Mobile Internet Devices (Intel CVT for MID) ✓			B	
Maximum internal memory species of March Intel® Insides Intel® Insides Intel® Intra Intel® Intel® Intra Intel® Intra Intel® Inte	Processor		Processor special features	
Supported by processor		SR2HV	3,	/
		64 GB		✓
Memory y pices supported by minimal processor minimal proces	Conflict-Free processor	✓		/
Interior process supported by processor model of processor frame processor fra	3 3. 1.	DDR3L-SDRAM, DDR4-SDRAM	AES-NI)	1
Memory channels supported by processor processor (man) memory channels supported by processor (man) memory who processor (man) memory (man		1333,1600,1866,2133 MHz	· ·	
	Memory bandwidth supported by	34 1 GB/s		1
DOCESSOR Comment Com	•	3 1,1 35/3		
Intel Stable Image Platform Program		Dual	,	
Memory M	ECC supported by processor	✓		
Memory (Internal memory * Internal memory memory * Inter		1,35 V	(SIPP)	
Internal memory	Memory			
Maximum internal memory " Storage (apacity " Storage (apacity " HDD) (a	Internal memory *	4 GB		•
Storage Storage capacity* 1 TB Execute Disable Bit V Toral storage capacity* 1 TB Execute Disable Bit V Number of storage drives installed 1 Thermal Monitoring Technologies V Hand drive capacity 1 TB Supported instruction sets SSE4.1, SSE4.2 Optical drive type* DVD Super Multi Scalability 1 SE4.1, SSE4.2 Compatible memory cards MMC, MS PRO, Memory Stick (MS). CPU configuration (max) 1 CPU configuration (max) Compatible memory cards MMC, MS PRO, Memory Stick (MS). Thermal solution specification V Compatible memory cards MMC, MS PRO, Memory Stick (MS). The mail solution specification PCG 2015C Discrete graphics card* Not available Intel Stick (MS). PCC 2015C Discrete graphics card model* Not available Intel Stable Image Platform Program (SIPP) version 0,00 On-board graphics card base frequency (max) So MHz Intel Stable Image Platform Program (SIPP) version 0,00 Maximum on-board graphics card base frequency (max) So MHz Intel Secure Key Technology version 0,00 Maximum	, ,·		Mobile Internet Devices (Intel CVT	✓
Storage media	Storage		,	✓
Storage media	Total storage capacity *	1 TB		/
Number of storage drives installed 1 Thermal Monitoring Technologies ✓ Number of hard drives installed 1 Processor package size 37.5 x 37.5 mm Optical drive type * DVD Super Multi Supported instruction sets SSE4.1, SSE4.2 Card reader integrated / CPU configuration (max) 1 Compatible memory cards MMC, MS PRO, Memory Stick (MS), SD, SDHC, SDXC Graphics 6 IMC lithography 14 nm Graphics * Not available PCG 2015C Discrete graphics card * Not available Intel Virtualization Technology for Directed (I/O (VT-d) PCG 2015C On-board graphics card model * Not available Intel Stable Image Platform Program Program One of graphics card Maximum on Processor and Intel Stable Image Platform Program Program (Intel Virtualization Technology (VT-d) Apple Virt	- · · ·	HDD		·
Number of hard drives installed Hard drive appacity Optical drive type *	Number of storage drives installed	1		
Hard drive capacity 1 TB Optical drive type* OPUS ouper Multi Card reader integrated Amic, MS PRO, Memory Stick (MS). SD, SDHC, SDXC Graphics Discrete graphics card Discrete graphics card Discrete graphics card On-board graphics card On-board graphics card base frequency Grequency (max) Disorded graphics card base frequency On-board graphics card base frequency On-board graphics card base frequency On-board graphics card Discrete graphics card base frequency On-board graphics card one of the open developed by the op		1		
Card reader integrated WMC, MS PRO, Memory Stick (MS) SD, SDHC, SDXC Graphics Fine deed options available Fine deed fin			, ,	
Compatible memory cards SD, SDNC, SDNC Graphics	. ,,	·	Scalability	1S
Graphics Graphics Graphics SD, SDHC, SDXC Fineeded gluons available Graphics Graphics A Graphics A SD, SDHC, SDXC Graphics SD, SDHC, SDXC Graphics Graphics Card Not available Not available Not available Not available Not available Not available Not available Not available Not available Not available Not available Not available Not ava	Card reader integrated		CPU configuration (max)	1
Graphics Discrete graphics card *	Compatible memory cards		Embedded options available	✓
Discrete graphics card * X Discrete graphics card model * Not available Discrete graphics card model * Not available Discrete graphics card model * Not available Discrete graphics card model * V On-board graphics card model * Intel® HD Graphics 510 On-board graphics card base frequency On-board graphics card base frequency On-board graphics card dynamic frequency On-board graphics card memory Number of displays supported (on- board graphics) On-board graphics card DirectX version On-board graphics v	Granhics		Graphics & IMC lithography	14 nm
Discrete graphics card model * Not available Directed I/O (VT-d) On-board graphics card * Intel Stable Image Platform Program (SIPP) version Intel Stable Image Platform Program (SIPP) version Intel Stable Image Platform Program (SIPP) version Intel Secure Key Technology version 1,00 On-board graphics card base frequency (max)	•	•	·	PCG 2015C
On-board graphics card *	- '		3,	✓
On-board graphics card model * Intel® HD Graphics 510 Intel Secure Key Technology version 1,00 On-board graphics card base frequency	.			0.00
On-board graphics card base frequency	5 1	Intel® HD Graphics 510		-,
On-board graphics card dynamic frequency (max) Maximum on-board graphics card memory Number of displays supported (on-board graphics) On-board graphics card DirectX version On-board graphics card DirectX version On-board graphics card OpenGL version On-board graphics card ID Ox1902 Width (with stand) Depth (with stand) Depth (with stand) Height (with stand) Total memar* Otal memary Network Network Network Wi-Fi standards 802.11a, 802.11b, 802.11g Bluetooth* Vother features Intel Small Business Advantage (SBA) version On-00 0,00 0,00 90741 0,00 90741 AU 477.9 mm 64 Grifficates Certificates Seylicate (SPC)CCC/CB/RCM/FCC/PEAT Gold/VCCI/Energy Star/JU/CE FEAT Gold, ENERGY STAR FEAT Gold, ENERGY STAR Weight (with stand) X Sustainability Sustainability certificates EPEAT Gold, ENERGY STAR Weight included X Cher features Weight (with stand) Audio Certificates EPEAT Gold, ENERGY STAR Certificates ENERGY STAR Certificates EPEAT Gold, ENERGY STAR Certificates EPEAT	On-board graphics card base	350 MHz	Intel Virtualization Technology (VT-	1,00
Maximum on-board graphics card memory Number of displays supported (onboard graphics) Number of displays supported (onboard graphics) 12.0 Pen Pen On-board graphics card DirectX version On-board graphics card OpenGL version On-board graphics card ID On-board graphics card OpenGL Width (with stand) Opeth (with stand) A77,9 mm Depth (with stand) A77,9 mm Opeth (with stand) To 2,6 mm On-board graphics card ID		950 MHz	Intel Small Business Advantage	0,00
Number of displays supported (onboard graphics) On-board graphics card DirectX version On-board graphics card OpenGL version On-board graphics card ID On-board graphics dimensions Veight & dimensions Verificates Oethic thick that IN On-torus (ID On-to	5 .	64 GB	` '	0.00
board graphics) 7 Pen 7 Pen 7 Pen included 7 Pen included 7 Pen included 7 Pen included 8 Pen included 9 Pen included 8 Pen included 9 Pen included				
On-board graphics card DirectX version 12.0 Pen included X On-board graphics card OpenGL version 4.4 Weight & dimensions 477,9 mm On-board graphics card ID 0x1902 Width (with stand) 477,9 mm On-board graphics card ID 0x1902 Depth (with stand) 183 mm Audio Height (with stand) 372,6 mm Built-in speaker(s) * 4 W Certificates Camera V Certificates Built-in camera * ✓ Certification BSMI/CECP/CCC/CB/RCM/FCC/EPEAT Gold/VCCI/Energy Star/UL/CE Network 1 MP Sustainability EPEAT Gold, ENERGY STAR Wi-Fi * ✓ Packaging content Wi-Fi standards 802.11a, 802.11b, 802.11g Mouse included X Ethernet LAN * ✓ Keyboard included X Ethernet LAN data rates 10,100,1000 Mbit/s Other features		3	Pen	
On-board graphics card OpenGL version On-board graphics card ID Ox1902 Audio Audio Built-in speaker(s) * Camera Built-in camera * Total megapixels I MP Sustainability Network Wi-Fi standards 802.11a, 802.11b, 802.11g Bluetooth * Weight & dimensions Width (with stand) 477,9 mm 478,10 479,10 47		12.0		×
Version On-board graphics card ID Ox1902 Audio Audio Built-in speaker(s) * RMS rated power Auwide Certificates Camera Built-in camera * Total megapixels I MP Network Wi-Fi * Wi-Fi standards B02.11a, 802.11b, 802.11g Built-in conderd Wi-Mark Sustainability File standards B02.11a, 802.11b, 802.11g B03.11b, 802.11g Mouse included X Chert features Wi-Fi eatures Wi-Fi eatures Built-in camera Wi-Fi eatures Wi-Fi standards B03.11a, 802.11b, 802.11g Mouse included X Ethernet LAN * Keyboard included X Ethernet LAN data rates Biuetooth * Wi-Fi eatures Wi-Fi eatures Biuetooth * Wi-Fi eatures		4.4	Weight & dimensions	
Depth (with stand) Audio Built-in speaker(s) *			•	477.9 mm
AudioHeight (with stand)372,6 mmBuilt-in speaker(s) *✓Weight (with stand)7,35 kgRMS rated power4 WCertificatesCameraBSMI/CECP/CCC/CB/RCM/FCC/EPEAT Gold/VCCI/Energy Star/UL/CEBuilt-in camera *✓SustainabilityTotal megapixels1 MPSustainabilityNetworkSustainability certificatesEPEAT Gold, ENERGY STARWi-Fi *✓Packaging contentWi-Fi standards802.11a, 802.11b, 802.11gMouse includedXEthernet LAN *✓Keyboard includedXEthernet LAN data rates10,100,1000 Mbit/sOther featuresBluetooth *✓	On-board graphics card ID	0x1902		,
RMS rated power 4 W Certificates Camera Built-in camera * Certification BSMI/CECP/CCC/CB/RCM/FCC/EPEAT Gold/VCCI/Energy Star/UL/CE Total megapixels 1 MP Sustainability Network Wi-Fi * Packaging content Wi-Fi standards 802.11a, 802.11b, 802.11g Mouse included X Ethernet LAN * Keyboard included X Ethernet LAN data rates 10,100,1000 Mbit/s Bluetooth * Certificates Certification BSMI/CECP/CCC/CB/RCM/FCC/EPEAT Gold/VCCI/Energy Star/UL/CE Sustainability Ethericates EPEAT Gold, ENERGY STAR Wouse included X Keyboard included X Other features	Audio		• •	
Camera Built-in camera *	Built-in speaker(s) *	✓	Weight (with stand)	7,35 kg
Built-in camera *	RMS rated power	4 W	Certificates	
Total megapixels 1 MP Sustainability Network Wi-Fi * Wi-Fi standards 802.11a, 802.11b, 802.11g Mouse included X Ethernet LAN * Ethernet LAN data rates 10,100,1000 Mbit/s Bluetooth * Sustainability Sustainability Fuckaging content Mouse included X Keyboard included X Other features			Certification	
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Wi-Fi standards 802.11a, 802.11b, 802.11g Mouse included X Ethernet LAN * ✓ Keyboard included X Ethernet LAN data rates 10,100,1000 Mbit/s Other features			•	EFEAT GOIU, ENEKGT STAK
Ethernet LAN * Ethernet LAN data rates 10,100,1000 Mbit/s Bluetooth * Keyboard included Cher features Other features				
Ethernet LAN data rates 10,100,1000 Mbit/s Bluetooth * Other features				×
Bluetooth *			Keyboard included	×
			Other features	
	DIUELUULII **	•	Autonomy mode	×

Network		Other features
Bluetooth version	4.0	Detachable display X
Ports & interfaces		
Ethernet LAN (RJ-45) ports	1	
USB 2.0 ports quantity *	2	

Catalog Object Cloud



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