

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



Display		Ports & interfaces	
Display diagonal *	49,5 cm (19.5")	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Display resolution *	1600 x 900 pixels	HDMI ports quantity *	1
Touchscreen *	✓	VGA (D-Sub) ports quantity	1
HD type *	HD+	Headphone outputs	1
LED backlight	✓	Microphone in	✓
Screen shape	Flat	Serial ports quantity	1
Processor		Design	
Processor manufacturer *	Intel	Product colour *	Black
Processor family *	Intel® Celeron® G	Cable lock slot	✓
Processor model *	G3900	Cable lock slot type	Kensington
Processor cores	2	Performance	
Processor threads	2	Product type *	All-in-One PC
Processor frequency *	2,8 GHz	Software	
Processor cache	2 MB	Operating system installed *	FreeDOS
Processor cache type	Smart Cache	Processor special features	
System bus rate	8 GT/s	Intel® Turbo Boost Technology	✗
Thermal Design Power (TDP)	51 W	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
PCI Express slots version	3.0	Intel® Small Business Advantage (Intel® SBA)	✗
Processor socket	LGA 1151 (Socket H4)	Intel® Wireless Display (Intel® WiDi)	✓
Processor lithography	14 nm	Enhanced Intel SpeedStep Technology	✓
Processor operating modes	64-bit	Intel® Quick Sync Video Technology	✓
Stepping	S0	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Bus type	DMI3		
Processor codename	Skylake		
Processor series	Intel Celeron Processor G3000 series for Desktop		
Maximum number of PCI Express lanes	16		
PCI Express configurations	1x16, 1x8+2x4, 2x8		

Processor		Processor special features	
Processor code	SR2HV	Intel Clear Video Technology	✓
Maximum internal memory supported by processor	64 GB	Intel® Insider™	✓
Conflict-Free processor	✓	Intel® InTru™ 3D Technology	✓
Memory types supported by processor	DDR3L-SDRAM, DDR4-SDRAM	Intel® AES New Instructions (Intel® AES-NI)	✓
Memory clock speeds supported by processor	1333,1600,1866,2133 MHz	Intel Trusted Execution Technology	✗
Memory bandwidth supported by processor (max)	34,1 GB/s	Intel Enhanced Halt State	✓
Memory channels supported by processor	Dual	Intel VT-x with Extended Page Tables (EPT)	✓
ECC supported by processor	✓	Intel® Secure Key	✓
Memory voltage supported by processor	1,35 V	Intel TSX-NI	✗
Memory		Intel Stable Image Platform Program (SIPP)	✗
Internal memory *	4 GB	Intel® OS Guard	✗
Internal memory type	DDR4-SDRAM	Intel Software Guard Extensions (Intel SGX)	✓
Maximum internal memory *	16 GB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Storage		Intel 64	✓
Total storage capacity *	1 TB	Execute Disable Bit	✓
Storage media *	HDD	Idle States	✓
Number of storage drives installed	1	Thermal Monitoring Technologies	✓
Number of HDDs installed	1	Processor package size	37.5 x 37.5 mm
HDD capacity	1 TB	Supported instruction sets	SSE4.1, SSE4.2
Optical drive type *	DVD Super Multi	Scalability	1S
Card reader integrated	✓	CPU configuration (max)	1
Compatible memory cards	MMC, MS PRO, Memory Stick (MS), SD, SDHC, SDXC	Embedded options available	✓
Graphics		Graphics & IMC lithography	14 nm
Discrete graphics card *	✗	Thermal solution specification	PCG 2015C
Discrete graphics card model *	Not available	Intel Virtualization Technology for Directed I/O (VT-d)	✓
On-board graphics card *	✓	Intel Stable Image Platform Program (SIPP) version	0,00
On-board graphics card model *	Intel® HD Graphics 510	Intel Secure Key Technology version	1,00
On-board graphics card base frequency	350 MHz	Intel Virtualization Technology (VT-x)	✓
On-board graphics card dynamic frequency (max)	950 MHz	Intel Small Business Advantage (SBA) version	0,00
Maximum on-board graphics card memory	64 GB	Intel TSX-NI version	0,00
Number of displays supported (on-board graphics)	3	Processor ARK ID	90741
On-board graphics card DirectX version	12.0	Pen	
On-board graphics card OpenGL version	4.4	Pen included	✗
On-board graphics card ID	0x1902	Weight & dimensions	
Audio		Width (with stand)	477,9 mm
Built-in speaker(s) *	✓	Depth (with stand)	183 mm
RMS rated power	4 W	Height (with stand)	372,6 mm
Camera		Weight (with stand)	7,35 kg
Built-in camera *	✓	Certificates	
Total megapixels	1 MP	Certification	BSMI/CECP/CCC/CB/RCM/FCC/EPEAT Gold/VCCI/Energy Star/UL/CE
Network		Sustainability	
Wi-Fi *	✓	Sustainability certificates	EPEAT Gold, ENERGY STAR
Wi-Fi standards	802.11a, 802.11b, 802.11g	Packaging content	
Ethernet LAN *	✓	Mouse included	✗
Ethernet LAN data rates	10,100,1000 Mbit/s	Keyboard included	✗
Bluetooth *	✓	Other features	
		Autonomy mode	✗

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

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