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

Display diagonal *	49,5 cm (19.5")
Display resolution *	1600 x 900 pixels
Touchscreen *	✔
HD type *	HD+
LED backlight *	✔
Screen shape	Flat

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Celeron® G
Processor model *	G3900
Processor cores	2
Processor threads	2
Processor frequency *	2,8 GHz
Processor cache	2 MB
Processor cache type	Smart Cache
System bus rate	8 GT/s
Thermal Design Power (TDP)	51 W
PCI Express slots version	3.0
Processor socket	LGA 1151 (Socket H4)
Processor lithography	14 nm
Processor operating modes	64-bit
Stepping	S0
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

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
HDMI ports quantity *	1
VGA (D-Sub) ports quantity	1
Headphone outputs	1
Microphone in	✔
Serial ports quantity	1

Design

Product colour *	Black
Cable lock slot	✔
Cable lock slot type	Kensington

Performance

Product type *	All-in-One PC

Software

Operating system installed *	FreeDOS

Processor special features

Intel® Turbo Boost Technology	✘
Intel® Hyper Threading Technology (Intel® HT Technology)	✘
Intel® Small Business Advantage (Intel® SBA)	✘
Intel® Wireless Display (Intel® WiDi)	✔
Enhanced Intel SpeedStep Technology	✔
Intel® Quick Sync Video Technology	✔
Intel® Clear Video HD Technology (Intel® CVT HD)	✔

Processor

Processor code	SR2HV
Maximum internal memory supported by processor	64 GB
Conflict-Free processor	✔
Memory types supported by processor	DDR3L-SDRAM, DDR4-SDRAM
Memory clock speeds supported by processor	1333,1600,1866,2133 MHz
Memory bandwidth supported by processor (max)	34,1 GB/s
Memory channels supported by processor	Dual
ECC supported by processor	✔
Memory voltage supported by processor	1,35 V

Memory

Internal memory *	4 GB
Internal memory type	DDR4-SDRAM
Maximum internal memory *	16 GB

Storage

Total storage capacity *	1 TB
Storage media *	HDD
Number of storage drives installed	1
Number of HDDs installed	1
HDD capacity	1 TB
Optical drive type *	DVD Super Multi
Card reader integrated	✔
Compatible memory cards	MMC, MS PRO, Memory Stick (MS), SD, SDHC, SDXC

Graphics

Discrete graphics card *	✘
Discrete graphics card model *	Not available
On-board graphics card *	✔
On-board graphics card model *	Intel® HD Graphics 510
On-board graphics card base frequency	350 MHz
On-board graphics card dynamic frequency (max)	950 MHz
Maximum on-board graphics card memory	64 GB
Number of displays supported (on-board graphics)	3
On-board graphics card DirectX version	12.0
On-board graphics card OpenGL version	4.4
On-board graphics card ID	0x1902

Audio

Built-in speaker(s) *	✔
RMS rated power	4 W

Camera

Built-in camera *	✔
Total megapixels	1 MP

Network

Wi-Fi *	✔
Wi-Fi standards	802.11a, 802.11b, 802.11g
Ethernet LAN *	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth *	✔

Processor special features

Intel Clear Video Technology	✔
Intel® Insider™	✔
Intel® InTru™ 3D Technology	✔
Intel® AES New Instructions (Intel® AES-NI)	✔
Intel Trusted Execution Technology	✘
Intel Enhanced Halt State	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Intel® Secure Key	✔
Intel TSX-NI	✘
Intel Stable Image Platform Program (SIPP)	✘
Intel® OS Guard	✘
Intel Software Guard Extensions (Intel SGX)	✔
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✔
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔
Thermal Monitoring Technologies	✔
Processor package size	37.5 x 37.5 mm
Supported instruction sets	SSE4.1, SSE4.2
Scalability	1S
CPU configuration (max)	1
Embedded options available	✔
Graphics & IMC lithography	14 nm
Thermal solution specification	PCG 2015C
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Stable Image Platform Program (SIPP) version	0,00
Intel Secure Key Technology version	1,00
Intel Virtualization Technology (VT-x)	✔
Intel Small Business Advantage (SBA) version	0,00
Intel TSX-NI version	0,00
Processor ARK ID	90741

Pen

Pen included	✘

Weight & dimensions

Width (with stand)	477,9 mm
Depth (with stand)	183 mm
Height (with stand)	372,6 mm
Weight (with stand)	7,35 kg

Certificates

Certification	BSMI/CECP/CCC/CB/RCM/FCC/EPEAT Gold/VCCI/Energy Star/UL/CE

Sustainability

Sustainability certificates	EPEAT Gold, ENERGY STAR

Packaging content

Mouse included	✘
Keyboard included	✘

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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