

# ASUS Vivo AiO V221IC-GKBA006D PC all-in-one Intel® Core™ i5 i5-7200U 54,6 cm (21.5") 1920 x 1080 pixels 4 GB DDR4-SDRAM 1 TB HDD NVIDIA® GeForce® 930MX FreeDOS Preto, Dourado



**Marca :** ASUS

**Família do produto:** Vivo AiO

**Código do produto:** V221IC-GKBA006D

**Nome do produto :** V221IC-GKBA006D

ASUS Vivo AiO V221IC-GKBA006D. Tipo de produto: PC All-in-One. Tamanho do ecrã na diagonal: 54,6 cm (21.5"), Tipo de HD: Full HD, Resolução: 1920 x 1080 pixels, Formato do ecrã: Plano. Família de processador: Intel® Core™ i5, Frequência do processador: 2,5 GHz. Capacidade da memória incorporada: 4 GB, Tipo de memória interna: DDR4-SDRAM. Capacidade total de armazenamento: 1 TB, Armazenamento: HDD. Modelo da placa gráfica discreto: NVIDIA® GeForce® 930MX. Câmera embutida. Sistema operativo instalado: FreeDOS. Cor do produto: Preto, Dourado

Display		Network	
Display diagonal *	54.6 cm (21.5")	Bluetooth *	✓
Display resolution *	1920 x 1080 pixels	Bluetooth version	4.1
Touchscreen *	✗	<b>Ports &amp; interfaces</b>	
HD type *	Full HD	Ethernet LAN (RJ-45) ports	1
LED backlight	✓	USB 2.0 ports quantity *	1
Native aspect ratio	16:9	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Screen shape	Flat	HDMI ports quantity *	1
Processor		Microphone in	✗
Processor manufacturer *	Intel	Combo headphone/mic port	✓
Processor family *	Intel® Core™ i5	DC-in jack	✓
Processor generation	7th gen Intel® Core™ i5	FireWire 800	✗
Processor model *	i5-7200U	<b>Design</b>	
Processor cores	2	Product colour *	Black, Gold
Processor threads	4	Cable lock slot	✓
Processor boost frequency	3.1 GHz	Cable lock slot type	Kensington
Processor frequency *	2.5 GHz	<b>Performance</b>	
Processor cache	3 MB	Product type *	All-in-One PC
Processor cache type	Smart Cache	<b>Software</b>	
System bus rate	4 GT/s	Operating system installed *	FreeDOS
Thermal Design Power (TDP)	15 W	<b>Processor special features</b>	
Configurable TDP-up frequency	2.7 GHz	Intel® Smart Response Technology	✓
Configurable TDP-up	25 W	Intel® Turbo Boost Technology	2.0
Configurable TDP-down frequency	0.8 GHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Configurable TDP-down	7.5 W	Intel® My WiFi Technology (Intel® MWT)	✓
PCI Express slots version	3.0	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor socket	BGA 1356	Intel® Small Business Advantage (Intel® SBA)	✓
Processor lithography	14 nm		
Processor operating modes	64-bit		
Stepping	H0		
Bus type	OPI		
Processor codename	Kaby Lake		
Maximum number of PCI Express lanes	12		

Processor		Processor special features	
PCI Express configurations	1x2+2x1, 1x4, 2x2, 4x1	Intel® Wireless Display (Intel® WiDi)	✓
Processor code	SR2ZU	Enhanced Intel SpeedStep Technology	✓
Tjunction	100 °C	Intel® Quick Sync Video Technology	✓
Maximum internal memory supported by processor	32 GB	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Conflict-Free processor	✓	Intel Clear Video Technology	✓
Memory types supported by processor	DDR3L, DDR4-SDRAM, LPDDR3-SDRAM	Intel® Insider™	✓
Memory clock speeds supported by processor	1600,1866,2133 MHz	Intel® InTru™ 3D Technology	✓
Memory bandwidth supported by processor (max)	34.1 GB/s	Intel Flex Memory Access	✓
Memory channels supported by processor	Dual	Intel® AES New Instructions (Intel® AES-NI)	✓
ECC supported by processor	✗	Intel Trusted Execution Technology	✗
Memory		Intel Enhanced Halt State	✓
Internal memory *	4 GB	Intel VT-x with Extended Page Tables (EPT)	✓
Internal memory type	DDR4-SDRAM	Intel® Secure Key	✓
Maximum internal memory *	8 GB	Intel TSX-NI	✗
Memory clock speed	2133 MHz	Intel Stable Image Platform Program (SIPP)	✗
Storage		Intel® OS Guard	✓
Total storage capacity *	1 TB	Intel Software Guard Extensions (Intel SGX)	✓
Storage media *	HDD	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Number of HDDs installed	1	Intel 64	✓
HDD capacity	1 TB	Execute Disable Bit	✓
HDD interface	SATA	Idle States	✓
Optical drive type *	✗	Thermal Monitoring Technologies	✓
Card reader integrated	✓	Processor package size	42 x 24 mm
Compatible memory cards	SD, SDHC, SDXC	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Graphics		CPU configuration (max)	1
Discrete graphics card *	✓	Embedded options available	✗
Discrete graphics card model *	NVIDIA® GeForce® 930MX	Graphics & IMC lithography	14 nm
Discrete graphics card memory	2 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
On-board graphics card *	✓	Intel Identity Protection Technology version	1.00
On-board graphics card model *	Intel® HD Graphics 620	Intel Smart Response Technology version	1.00
On-board graphics card base frequency	300 MHz	Intel Stable Image Platform Program (SIPP) version	0.00
On-board graphics card dynamic frequency (max)	1000 MHz	Intel Secure Key Technology version	1.00
Maximum on-board graphics card memory	32 GB	Intel Virtualization Technology (VT-x)	✓
Number of displays supported (on-board graphics)	3	Intel TSX-NI version	0.00
On-board graphics card DirectX version	12.0	Processor ARK ID	95443
On-board graphics card OpenGL version	4.4	Weight & dimensions	
On-board graphics card ID	0x5916	Width (with stand)	514 mm
Audio		Depth (with stand)	398 mm
Built-in speaker(s) *	✓	Weight (with stand)	4.65 kg
RMS rated power	3 W	Packaging content	
Built-in microphone	✓	Mouse included	✗
Audio system	Sonic Master Premium	Keyboard included	✗
Camera		Warranty card	✓
Built-in camera *	✓	AC adapter included	✓
Total megapixels	1 MP	Other features	
Network		Autonomy mode	✗
Wi-Fi *	✓		

Network		Other features	
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Detachable display	✗
Ethernet LAN *	✓		

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