

ASUS PN61-BB7042MV PC/workstation barebone 0.6L sized PC Black i7-8565U BGA 1528 1.8 GHz

Brand : ASUS

Product code: PN61-BB7042MV

Product name : PN61-BB7042MV

- Windows 10 Pro - ASUS recommends Windows 10 Pro. or other editions available
 - Ultracompact size with 0.62-liter volume for a clutter-free workspace
 - Powerful performance with 8th Gen Intel® Core™ processors
 - Sliding-chassis design for easy, two-step storage and memory upgrades
 - Dual-storage design with an up to 1TB 2.5-inch HDD and an up to 256GB M.2 SSD
 - Comprehensive I/O connectivity, including a Thunderbolt 3 configurable port* option that provides a high-speed, versatile connection for a dock, display or storage device
 - ASUS Corporate Stable Model program ensures 36-month stable-supply guarantee
 - 24/7 reliability — Extensively tested to ensure long-term dependability
- Intel Core i7-8565U (1.8 GHz, 8MB Cache), 0GB RAM, 0GB ROM, Wi-Fi 802.11a/b/g/n/ac, Bluetooth 5.0, Gigabit Ethernet, Thunderbolt 3, no OS



Processor		Performance	
Processor manufacturer	Intel	Optical drive type	×
Processor family	Intel® Core™ i7	Processor special features	
Processor generation	8th gen Intel® Core™ i7	Embedded options available	×
Processor model	i7-8565U	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor cores	4	Intel® Quick Sync Video Technology	✓
Processor threads	8	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor boost frequency	4.6 GHz	Intel® Turbo Boost Technology	2.0
Processor frequency	1.8 GHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Built-in processor *	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Processor lithography	14 nm	Intel VT-x with Extended Page Tables (EPT)	✓
Thermal Design Power (TDP)	15 W	Intel 64	✓
Processor codename	Whiskey Lake	Intel® My WiFi Technology (Intel® MWT)	✓
CPU configuration (max)	1	Idle States	✓
Memory		Enhanced Intel SpeedStep Technology	✓
Memory slots type *	SO-DIMM	Thermal Monitoring Technologies	✓
Number of memory slots *	2	Intel Flex Memory Access	✓
Maximum internal memory	32 GB	Intel® Identity Protection Technology (Intel® IPT)	✓
Supported memory clock speeds	2400 MHz	Intel Trusted Execution Technology	×
Supported memory types	DDR4-SDRAM	Execute Disable Bit	✓
Storage		Intel TSX-NI	×
Supported storage drive types *	HDD & SSD	Intel® Secure Key	✓
Storage drive sizes supported *	2.5"	Intel® Smart Response Technology	✓
SSD form factor	M.2	Intel® OS Guard	✓
Storage drive interface	Serial ATA III	Intel Clear Video Technology	✓
Graphics		Intel Virtualization Technology (VT-x)	✓
On-board graphics card *	✓		
Graphics card family	Intel		
On-board graphics card model	Intel® UHD Graphics 620		
Network			
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)		
Ethernet LAN *	✓		
Wi-Fi *	✓		
Bluetooth	✓		

Network		Certificates	
Bluetooth version	5.0	Certification	BSMI/CB/CE/FCC/UL/CCC/Energy Star/C-Tick/WiFi/RF/VCCI
Ports & interfaces		Software	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Operating system installed	✗
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity	1	Sustainability	
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1	Sustainability certificates	ENERGY STAR
HDMI ports quantity *	1	Power	
Microphone in	✗	Power supply type *	External AC adapter
Combo headphone/mic port	✓	Weight & dimensions	
Ethernet LAN (RJ-45) ports *	1	Width	115 mm
Expansion slots		Depth	115 mm
PCI Express slots version	3.0	Height	49 mm
PCI Express configurations	1x4, 2x2	Weight	700 g
Design		Packaging content	
Chassis type *	0.6L sized PC	Display included	✗
Product colour *	Black	Other features	
Cooling type *	Passive	Number of processors installed	1
Product type *	Mini PC	Processor ARK ID	149091
Performance			
Processor socket	BGA 1528		



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Catalog Object Cloud



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