

# INTEL® NUC PERFORMANCE MINI PC

# INTEL® NUC ESSENTIAL MINI PC



Model	NUC817 BEKQA	NUC817 BEHGA	NUC815 BEKPA	NUC815 BEHFA	NUC813 BEHFA	NUC717 BNKQ	NUC717 BNHXG	NUC715 BNKP	NUC715 BNHXF	NUC713 BNHXF
Processor	Intel® Core™ i7-8559U		Intel® Core™ i5-8259U		Intel® Core™ i3-8109U	Intel® Core™ i7-7567U		Intel® Core™ i5-7260U		Intel® Core™ i3-7100U
Processor Frequency	2.7 GHz - 4.5 GHz Turbo		2.3 GHz - 3.8 GHz Turbo		3.0 GHz - 3.6 GHz	3.5 GHz - 4.0 GHz Turbo		2.2 GHz - 3.4 GHz Turbo		2.4 GHz
Processor Cores/Threads	Quad Core/8 Threads		Quad Core/8 Threads		Dual Core/4 Threads	Dual Core/4 Threads		Dual Core/4 Threads		Dual Core/4 Threads
Graphics	Intel® Iris™ Plus Graphics 655, 300 MHz - 1.2 GHz		Intel® Iris™ Plus Graphics 655, 300 MHz - 1.05 GHz		Intel® Iris™ Plus Graphics 655, 300 MHz - 1.05 GHz	Intel® Iris™ Plus Graphics 650, 300 MHz - 1.1 GHz		Intel® Iris™ Plus Graphics 640, 300 MHz - 950 MHz		Intel® HD Graphics 620, 300 MHz - 1 GHz
Memory	16GB DDR4-2400 (2x8GB)	8GB DDR4-2400	8GB DDR4-2400 (2x4GB)	4GB DDR4-2400	4GB DDR4-2400	16GB DDR4-2400 (2x8GB)	8GB DDR4-2400	8GB DDR4-2400 (2x4GB)	4GB DDR4-2400	4GB DDR4-2400
Storage	512GB NVMe SSD	2TB SATA3 HDD	256GB Intel® NVMe SSD	1TB SATA3 HDD	1TB SATA3 HDD	512GB NVMe SSD	2TB SATA3 HDD	256GB NVMe SSD	1TB SATA3 HDD	1TB SATA3 HDD
Display Outputs, Max Displays	HDMI 2.0a and DP 1.2 via Thunderbolt 3/USB-C Port, 3x 4K					HDMI 2.0a and DP 1.2 via Thunderbolt 3/USB-C Port, 3x 4K				
Intel® Optane™ Memory		Intel® Optane™ Memory 32GB			Intel® Optane™ Memory 16 GB		Intel® Optane™ Memory 32GB			Intel® Optane™ Memory 16GB
Features	1 Thunderbolt 3 Port, 4 USB3.1 Gen2 Ports (1 for charging), Bluetooth v5, 7.1 Multichannel Digital Audio, Voice on PC enabled, Infrared Port					1 Thunderbolt 3 Port, 4 USB3.0 Ports (1 for charging), Bluetooth v4.2, 7.1 Multichannel Digital Audio, Voice on PC enabled, Infrared Port		1 USB3.1 Gen2 and DP1.2 Type-C Port, 4 USB3.0 Ports (1 for charging), Bluetooth v4.2, 7.1 Multichannel Digital Audio, Voice on PC enabled, Infrared Port		

Model	NUC7CJYSAL	NUC6CAYS
Processor	Intel® Celeron® J4005	Intel® Celeron® J3455
Processor Frequency	2.0 GHz - 2.7 GHz Burst	1.5 GHz - 2.3 GHz Burst
Processor Cores/Threads	Dual Core/2 Threads	Quad Core/4 Threads
Graphics	Intel® UHD Graphics 600, 700 MHz	Intel® HD Graphics 500, 250-700 MHz
Memory	4GB DDR4-2400	2GB DDR3L-1600
Storage	32GB eMMC	32GB eMMC
Display Outputs, Max Displays	2x HDMI 2.0a, 2x 4K	HDMI 2.0, HDB15 VGA, 1x 4K + 1x QXGA
Intel® Optane™ Memory		
Features	4 USB3.0 Ports (1 for charging), Bluetooth v5, 7.1 Multichannel Digital Audio, Voice on PC enabled, Infrared Port	4 USB3.0 Ports (1 for charging), Bluetooth v4.2, 7.1 Multichannel Digital Audio, Voice on PC enabled, Infrared Port



# INTEL® NUC

THINK YOU KNOW WHAT SMALL CAN DO?  
THINK AGAIN.

The Intel® NUC Mini PC re-imagines the desktop PC into a pint-sized package so that you can play, create, study, entertain, work, and inspire in any room. Discover all that you can do with an Intel® NUC and explore the possibilities that it enables for you.



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# MEET A WIDE RANGE OF USAGE NEEDS

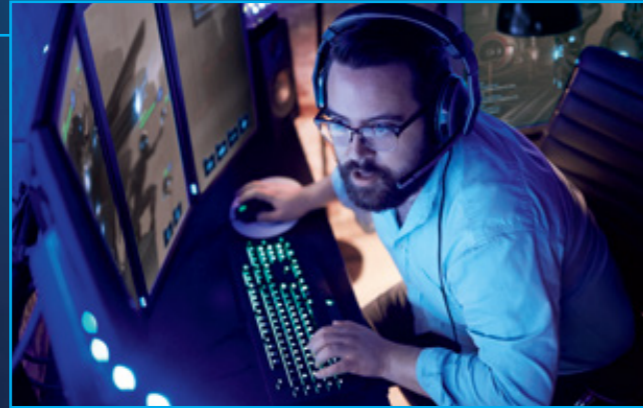
## INTEL® NUC EXTREME

### Extending Performance to Mini PCs

Get the performance and features you need for serious computing, powerful gameplay, complex tasks, seamless editing and creating, and more.

#### Ideal for:

VR | AAA Gaming | Performance Gaming | Content Creation | Workstation | Heavy Multi-tasking

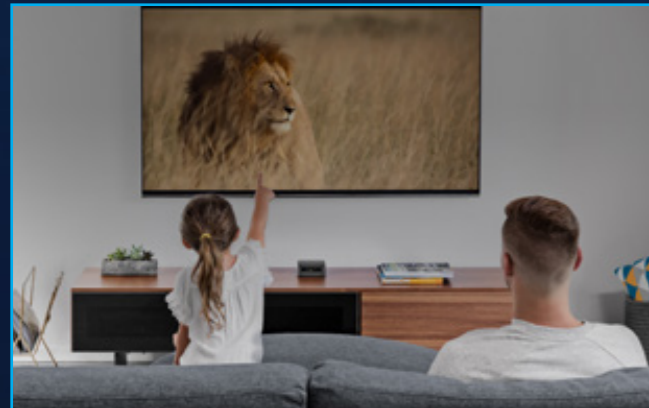


## INTEL® NUC PERFORMANCE

**A Customizable Mini PC with the Power of a Desktop PC**  
Get the power you need to play, work and entertain with a stylish Mini PC that can easily fit into any room.

#### Ideal for:

Premium Home Theatre PC | Home Office | Desktop PC Replacement | Smart Home Hub | Entry Gaming



## INTEL® NUC ESSENTIAL

### Cost-efficient with Intel Reliability & Quality

Get reliable performance and enjoy all the capabilities for a seamless everyday computing experience.

#### Ideal for:

Basic Home Theatre PC | Kids Productivity | Content Streaming | Basic Computing | Entry Level Digital Signage



## INTEL® NUC MINI PC BENEFITS



Full desktop performance in a small & compact device



Featuring latest, innovative technologies like Intel® Optane™ memory, Intel® SSD, Intel® Wi-Fi and Thunderbolt™



Highly customizable and designed by Intel for optimal performance



Trusted reliability with 3-year Intel® Worldwide Warranty

## INTEL® NUC EXTREME\*\* MINI PC



## INTEL® NUC PERFORMANCE\*\* MINI PC



Model	NUC8i7 HVKVA	NUC8i7 INHJA	NUC8i7 INHPA	NUC8i5 INHJA	NUC8i5 INHPA	NUC8i3 CYSM	NUC8i3 CYSN
Processor	Intel® Core™ i7-8809G	Intel® Core™ i7-8565U		Intel® Core™ i5-8265U		Intel® Core™ i3-8121U	
Processor Frequency	3.1 GHz - 4.2 GHz Turbo	1.8 GHz – 4.6 GHz Turbo		1.6 GHz – 3.9 GHz Turbo		2.2 GHz - 3.2 GHz Turbo	
Processor Cores/Threads	Quad Core/8 Threads	Quad Core/8 Threads		Quad Core/8 Threads		Dual Core/4 Threads	
Graphics	Radeon™ RX Vega M GH Graphics, 1063 MHz -1190 MHz	AMD Radeon™ 540X Discrete Graphics, 2 GB GDDR5 Graphics Memory		AMD Radeon™ 540X Discrete Graphics, 2 GB GDDR5 Graphics Memory		AMD Radeon™ 540 Discrete Graphics, 2GB GDDR5 Graphics Memory	
Memory	16GB DDR4-2400 (1x16GB)	8GB LPDDR3-1866 (2x4GB)		8GB LPDDR3-1866 (2x4GB)		8GB LPDDR4-2400 (2x4GB)	4GB LPDDR4-2400 (2x2GB)
Storage	1TB NVMe SSD	16 GB Intel® Optane™ Memory, 1TB SATA3 HDD	256 GB SSD	16 GB Intel® Optane™ Memory, 1TB SATA3 HDD	256 GB SSD	1TB SATA3 HDD	
Display Outputs, Max Displays	2x HDMI 2.0b, 2x Mini DP 1.2, 6x 4K	HDMI 2.0b, Mini DP 1.2, 3x 4K		HDMI 2.0b, Mini DP 1.2, 3x 4K		2x HDMI 2.0b, 2x 4K	
Intel® Optane™ Memory		Intel® Optane™ Memory Ready		Intel® Optane™ Memory Ready		Intel® Optane™ Memory Ready	
Features	VR-capable, Unlocked Processor, 2 Thunderbolt3 Ports, 1 USB3.1 Gen2 Type-C Port, 1 USB3.1 Gen2 Type-A Port, 5 USB3.0 Ports, Bluetooth v4.2, 7.1 Multichannel Digital Audio, Voice on PC enabled, Infrared Port	1 USB3.1 Gen 2 Type-C Port, 3 USB3.1 Gen 2 Type-A Ports, Bluetooth v5, 7.1 Multichannel Digital Audio, Infrared Port		1 USB3.1 Gen 2 Type-C Port, 3 USB3.1 Gen 2 Type-A Ports, Bluetooth v5, 7.1 Multichannel Digital Audio, Infrared Port		4 USB3.1 Ports (1 for charging), Bluetooth v5, 7.1 Multichannel Digital Audio, Infrared Port	

\*\*With Discrete Graphics