

intel.
nuc

Intel® NUC 11 Performance
Mini PCs & Kits



Mini PC. Major performance.

Introducing a pint-sized, eye-catching,
ultra-responsive home computer powered
by 11th Gen Intel® Core™ processors



XS Size. XL Performance.

With their boundary-breaking performance, modern design, and cutting-edge features, Intel® NUC 11 Performance Mini PCs and kits usher in the new age of small-compute innovation.

Small enough to take with you and attractive enough to feature in any room of the house, Intel NUC 11 Performance Mini PCs and kits feature a range of 11th Gen Intel® Core™ processors to accelerate everyday home theater and home office tasks. Revolutionary Intel® Iris® Xe graphics make every experience more immersive and fun—from binging shows in 4K UHD to playing arcade games, creating content, and multitasking across up to four screens.

Connecting at will to any screen, anywhere, is made easy with 10 ports and slots—including two Thunderbolt™ 3 ports and an ultra-fast Ethernet port—plus support for Intel® Wi-Fi 6. Additional features include the ability to talk to Amazon Alexa from across the room and a non-slip charging lid on select systems that makes it easy to wirelessly charge phones, earbuds, and other devices.

For at-home work, study, and play, look no further than powerful and innovative Intel® NUC 11 Performance Mini PCs and kits.

Intel® NUC 11 Performance:
A Workhorse for a Range of Needs



Features

- 11th Gen Intel® Core™ processors
- Intel® Iris® Xe graphics
- Fast (15W) wireless charging of phones and tablets on non-slip lid (select models)
- Support up to two 4K TVs or up to four monitors
- Amazon Alexa certified, with beam-forming, far-field, quad-mic array
- Two Thunderbolt™ 3 ports for fast data transfers and charging
- Intel® Wi-Fi 6, the latest generation of Wi-Fi, and Bluetooth v5.0
- Three USB ports
- Full-sized SDXC UHS-II slot for transferring video from GoPro and DSLR cameras

1st 4x4 form factor with 11th Gen Intel® Core™ processors and Intel® Iris® Xe graphics

Connect up to **4 monitors** or **two 4K TVs**

Ideal for
Home theater
Home office
Casual gaming



Built with Intel® Core™ i7 processors

Intel® NUC 11 Performance Mini PCs and Kits



	Mini PCs	Kits		
	NUC11PAQi7	NUC11PAQi7	NUC11PAHi7	NUC11PAKi7
Processor	11th Generation Intel® Core™ i7-1165G7 processor 2.8 GHz – 4.7 GHz Turbo, 4 core, 8 thread, 12 MB Cache, 28W			
Graphics	Intel® Iris® X ^e Graphics, up to 1.3 GHz			
Memory	16 GB DDR4-3200	Dual-channel DDR4 SODIMM slots		
Storage	500 GB NVMe PCIe Gen4 SSD	M.2 22x80 key M slot 2.5" 7 mm SATA drive bay		M.2 22x80 key M slot
Lid	Fast Wireless charging (15 W) non-slip lid		Standard flat lid	
Other Features & Technology	HDMI 2.0b port Mini DisplayPort 1.4 port Two Thunderbolt™ 3 ports (fast charging) Intel® Ethernet port Intel® Wi-Fi 6 and Bluetooth 5 Three USB 3.1 Gen2 port SDXC slot with UHS-II support Beam-forming, far-field, quad-mic array, with Alexa support Quad display, and 4K support Front consumer infrared port Kensington Lock Ready 3-Year Limited Warranty			
Geo-Specific Power Cord	US, EU, UK, AU, CN, or No Cord Option	US, EU, or No Cord Option	US, EU, UK, AU, IN, CN, or No Cord Option	US or EU
Operating System	Windows® 10 Home	Not Included		
What's Needed	—	Memory, Storage, Operating System See page 6 for details		



Built with Intel® Core™ i5 processors

Intel® NUC 11 Performance Mini PCs and Kits



	Mini PCs	Kits		
	NUC11PAQi5	NUC11PAQi5	NUC11PAHi5	NUC11PAKi5
Processor	11th Generation Intel® Core™ i5-1135G7 processor 2.4 GHz – 4.2 GHz Turbo, 4 core, 8 thread, 8 MB Cache, 28W			
Graphics	Intel® Iris® X ^e Graphics, up to 1.3 GHz			
Memory	8 GB DDR4-3200	Dual-channel DDR4 SODIMM slots		
Storage	500 GB NVMe PCIe Gen4 SSD	M.2 22x80 key M slot 2.5" 7 mm SATA drive bay	M.2 22x80 key M slot	
Lid	Fast Wireless charging (15 W) non-slip lid		Standard flat lid	
Other Features & Technology	HDMI 2.0b port Mini DisplayPort 1.4 port Two Thunderbolt™ 3 ports (fast charging) Intel® Ethernet port Intel® Wi-Fi 6 and Bluetooth 5 Three USB 3.1 Gen2 port SDXC slot with UHS-II support Beam-forming, far-field, quad-mic array, with Alexa support Quad display, and 4K support Front consumer infrared port Kensington Lock Ready 3-Year Limited Warranty			
Geo-Specific Power Cord	US, EU, UK, AU, CN, or No Cord Option	US, EU, or No Cord Option	US, EU, UK, AU, IN, CN, or No Cord Option	US or EU
Operating System	Windows® 10 Home	Not Included		
What's Needed	—	Memory, Storage, Operating System See page 6 for details		



Built with Intel® Core™ i3 processors

Intel® NUC 11 Performance Mini PCs and Kits

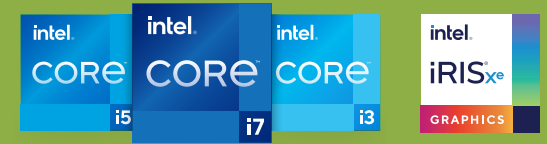


	Mini PCs	Kits		
	NUC11PAQi3	NUC11PAQi3	NUC11PAHi3	NUC11PAKi3
Processor	11th Generation Intel® Core™ i3-1115G4 processor 3.0 GHz – 4.1 GHz Turbo, 2 core, 4 thread, 6 MB Cache, 28W			
Graphics	Intel® UHD Graphics, up to 1.25 GHz			
Memory	8 GB DDR4-3200	Dual-channel DDR4 SODIMM slots		
Storage	500 GB NVMe PCIe Gen4 SSD	M.2 22x80 key M slot 2.5" 7 mm SATA drive bay		M.2 22x80 key M slot
Lid	Fast Wireless charging (15 W) non-slip lid		Standard flat lid	
Other Features & Technology	HDMI 2.0b port Mini DisplayPort 1.4 port Two Thunderbolt™ 3 ports (fast charging) Intel® Ethernet port Intel® Wi-Fi 6 and Bluetooth 5 Three USB 3.1 Gen2 port SDXC slot with UHS-II support Beam-forming, far-field, quad-mic array, with Alexa support Quad display, and 4K support Front consumer infrared port Kensington Lock Ready 3-Year Limited Warranty			
Geo-Specific Power Cord	US, EU, UK, AU, CN, or No Cord Option	US, EU, UK, AU, IN, CN or No Cord Option		US, EU, UK, AU, CN, or No Cord Option
Operating System	Windows® 10 Home	Not Included		
What's Needed	—	Memory, Storage, Operating System See page 6 for details		



Intel® NUC 11 Performance Mini PCs and Kits

Additional Technical Specifications



Processors

NUC11PAQi7, NUC11PAHi7 & NUC11PAKi7

- Intel® Core™ i7-1165G7 processor (2.8 GHz – 4.7 GHz Turbo, 4 core, 8 thread, 12 MB Cache, 28W)

NUC11PAQi5, NUC11PAHi5 & NUC11PAKi5

- Intel® Core™ i5-1135G7 processor (2.4 GHz – 4.2 GHz Turbo, 4 core, 8 thread, 8 MB Cache, 28W)

NUC11PAQi3, NUC11PAHi3 & NUC11PAKi3

- Intel® Core™ i3-1115G4 processor (3.0 GHz – 4.1 GHz Turbo, 2 core, 4 thread, 6 MB Cache, 28W)

Storage Capabilities

NUC11PAKi7, NUC11PAKi5 & NUC11PAKi3

- M.2 22x80 key M slot for PCIe x4 Gen4 NVMe/ or SATA3 SSD
- Full-size SDXC UHS-II slot

NUC11PAQi7, NUC11PAHi7, NUC11PAQi5, NUC11PAHi5, NUC11PAQi3 & NUC11PAHi3

- M.2 22x80 key M slot for PCIe x4 Gen4 NVMe/ or SATA3 SSD
- SATA3 SSD, 2.5" 7mm SATA3 bay and port
- Full-size SDXC UHS-II slot

System Memory

- Two DDR4 SODIMM sockets (Dual channel DDR4-3200 SODIMMs, 1.2V, 64 GB max)

Graphics

NUC11PAQi7, NUC11PAHi7, NUC11PAKi7, NUC11PAQi5, NUC11PAHi5 & NUC11PAKi5

- Intel® Iris® Xe Graphics, up to 1.3 GHz

NUC11PAQi3, NUC11PAHi3 & NUC11PAKi3

- Intel® UHD Graphics, up to 1.25 GHz

Connectivity

- HDMI 2.0b port
- Mini DisplayPort 1.4 port
- Two Thunderbolt™ 3 ports with 5V/9V fast phone charging profiles
- Intel® Wireless-AX 201, IEEE 802.11ax 2x2/Wi-Fi 6 and Bluetooth 5, with internal antennas
- Three USB 3.1 Gen2 ports
- Intel® 10/100/1000/2500 Mbps (i225-V) Ethernet port
- SDXC slot with UHS-II support
- Fast Wireless charging (15W) non-slip lid (select SKUs only)

System BIOS

- 256 Mb Flash EEPROM with Intel® Platform Innovation Framework for EFI Plug and Play
- Advanced configuration and power interface V5.0b, SMBIOS2.5
- Intel® BIOS
- Intel® Express BIOS update support

Hardware Management Features

- Voltage and temperature sensing
- ACPI-compliant power management control

Expansion Capabilities

- Two internal USB 2.0 headers

Audio

- Up to 7.1 multichannel digital audio via HDMI, DisplayPort, or Thunderbolt 4 signals
- 3.5 mm stereo headset jack
- Beam-forming, far-field, quad-mic array, with Alexa support

Chassis Size

- Tall "Q" Chassis
 - 4.60" x 4.40" x 2.20"
 - 117 mm x 112 mm x 56 mm
- Tall "H" Chassis
 - 4.60" x 4.40" x 2.00"
 - 117 mm x 112 mm x 51 mm
- Slim "K" Chassis
 - 4.60" x 4.40" x 1.50"
 - 117 mm x 112 mm x 38 mm

Power Requirements

- 19VDC input, 120W (Core i7, i5) or 90 W power supply with geo-specific C5 AC cords

Environment Operating Temperature

- 0° C to +35 C

Storage Temperature

- -20° C to +60° C

Safety Regulations and Standards

- IEC/EN/UL 60950-1
- IEC/EN/UL 62368-1

EMC/RF Regulations and Standards

- FCC Part 15B/15C/15E
- CISPR/EN 55032/55024
- ICES-003
- VCCI 32
- BSMI CNS 13438
- KN 32/35
- AS/NZS CISPR 32
- EN 300 328
- EN 301 893
- EN 300 440
- EN 301 489-1/3/17
- EN 62311
- AS/NZS 4268
- AS/NZS 2772.2
- ARPANSA

Environmental Regulations

- EU RoHS
- China RoHS
- Taiwan BSMI RoHS
- REACH

The Power of Small
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Actual Intel® NUC kit may differ from the image shown.

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