intel
nuc

TECH WIZARDS AT THE LAKE

NUCwizards
WE WORK MAGIC FOR YOU!

Intel® NUC 11
Performance Kits

intel CORE i5
intel CORE i7
intel CORE i3

Mini PC.
Major performance.

Introducing a pint-sized, eye-catching, ultra-responsive 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 Kits usher in the new age of small-compute innovation.

Small enough to take with you and attractive enough to feature in any home or office, Intel NUC 11 Performance 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.

For work, study, and play, look no further than powerful and innovative mini PCs built with Intel® NUC 11 Performance Kits.

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

Features

- 11th Gen Intel® Core™ processors
- Intel® Iris® X^e graphics
- Support up to two 4K TVs or up to four monitors
- 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® X^e graphics

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

Ideal for
Home theater
Home office
Casual gaming

2.1

4.60"

Built with Intel® Core™ i7 processors

Intel® NUC 11 Performance Kits

	Kit	
	NUC11PAHi7	
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® Xe Graphics, up to 1.3 GHz	
Memory	Dual-channel DDR4 SODIMM slots	
Storage	M.2 22x80 key M slot 2.5" 7 mm SATA drive bay	
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 | Quad display, and 4K support | Front consumer infrared port | Kensington Lock Ready | 3-Year Limited Warranty	
Geo-Specific Power Cord	US, EU, or No Cord Option	US, EU, UK, AU, IN, CN, or No Cord Option
Operating System	Not Included	
What's Needed	Memory, Storage, Operating System See page 6 for details	

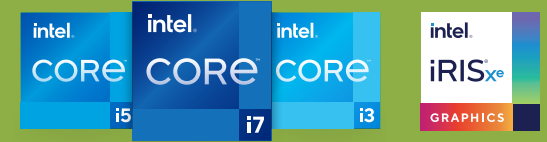# Built with Intel® Core™ i5 processors

Intel® NUC 11 Performance Kits

	Kits	
	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® Xe Graphics, up to 1.3 GHz	
Memory	Dual-channel DDR4 SODIMM slots	
Storage	M.2 22x80 key M slot 2.5" 7 mm SATA drive bay	
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 | Quad display and 4K support | Front consumer infrared port | Kensington Lock Ready | 3-Year Limited Warranty	
What's Needed	Memory, Storage, Operating System See page 6 for details	

Intel® NUC 11 Performance Kits

Additional Technical Specifications

Processors

NUC11PAHi7 & NUC11PAKi7
- Intel® Core™ i7-1165G7 processor (2.8 GHz – 4.7 GHz Turbo, 4 core, 8 thread, 12 MB Cache, 28W)

NUC11PAHi5 & NUC11PAKi5
- Intel® Core™ i5-1135G7 processor (2.4 GHz – 4.2 GHz Turbo, 4 core, 8 thread, 8 MB Cache, 28W)

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

NUC11PAHi7, NUC11PAHi5, & 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

NUC11PAHi7, NUC11PAKi7, NUC11PAHi5 & NUC11PAKi5
- Intel® Iris® Xᵉ Graphics, up to 1.3 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

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

Chassis Size
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

Energy Efficiency Regulations for Mini PCs
- US Energy Star and CEC
- EU ErP Directive
- China CEL
- South Korea E-standby
- Israel Energy Source
- Japan Energy Saving Act 2022年度基準: 15区分, 27.1kWh/年

The Power of Small
www.intel.com/NUC