

Product Brief

INTEL[®] NUC KIT NUC5CPYH

SUPPORTS
4K DISPLAY | TOSLINK
Optical Audio



SD CARD SLOT

SSD 2.5" HDD

7.1 SURROUND SOUND

The Shape that Fits the Future.





PROVEN PERFORMANCE, EXCEPTIONAL VALUE

A Mini PC with the capabilities of a desktop, the Intel® NUC Kit NUC5CPYH gives you performance you can count on with Intel quality you can trust all in 4 inches square. Complete with WiFi 802.11ac, Bluetooth* 4.0, and 4 USB 3.0 ports, the NUC5CPYH is perfect as a PC replacement or second home computer. The system has room for a 2.5" HDD so you can store all your files or SSD drive so you can transfer data at lightning speeds. In addition, there is an SD card slot so you can easily access files from other devices on your Intel NUC.

A replaceable lid gives you plenty of options to create the Intel NUC you want—with amazing style and features. There's also a high-speed USB 3.0 charging port that lets you easily charge your tablet or smartphone quickly even when the Intel NUC is idle. With this kind of power, size, and versatility, you'll rethink what's possible.

Power that's a fit for small business

The NUC5CPYH is equipped with the Intel® Celeron® processor, giving you the performance you need for simple productivity and collaboration. You can create presentations, access cloud-based applications, collaborate with colleagues, and work on multiple documents at once—just like you'd expect. It also features Intel® HD Graphics for stunning visuals without the cost of an additional graphics card.

With two video output options, there's no need to buy a new display to support your Intel NUC. Connect your displays via the HDMI* port for 4K resolution and use the VGA port for a multi-display experience. Included Intel® WiDi¹ lets you also connect wirelessly to WiDi-enabled displays or projectors.

Use the VESA mount to create your own All-in-One or simply place the Intel NUC on your desk—it's only 4 inches square, so even the most cluttered desk has room. Hidden out of sight, mounted behind a screen, or parked on a desk, the Intel NUC works in multiple environments. And the Kensington lock with base security assures your Intel NUC is protected inside and out.

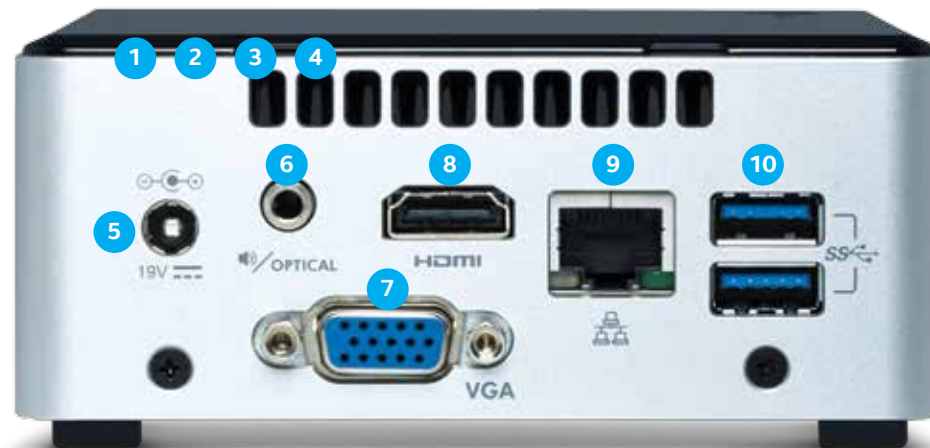
Intel technology and quality

With the Intel Celeron processor you get value and performance. Intel® Ready Mode Technology¹ means you'll never miss out on IMs, real-time news and sports updates, or social media posts. It also lets you stay connected with friends and family by keeping your video conferencing apps running in the background. Who knew that 4 inches square could offer so much?

POWER, CAPABILITIES, AND PERFORMANCE IN FOUR INCHES SQUARE

Highlighted Features

- 1 Intel® Celeron® processor N3050
- 2 One DDR3L SO-DIMM socket (up to 8 GB, 1333/1600 MHz)
- 3 1x SATA3 port for connection to 2.5" HDD or SSD
- 4 Intel® Wireless-AC and Bluetooth* 4.0
- 5 Back panel DC power connector (12V - 19V)
- 6 TOSLINK optical audio jack
- 7 VGA port
- 8 One HDMI* 1.4b display port supporting 8 channel digital audio (7.1 surround sound)
- 9 Gigabit LAN
- 10 2x USB 3.0 ports on the back panel
- 11 Support for user-replaceable third-party lids
- 12 Kensington lock with base security
- 13 SD card slot
- 14 2x USB 3.0 ports on the front panel (including one charging port)
- 15 Intel® HD Audio¹ via Headphone/ Microphone jack
- 16 Consumer infrared sensor



INTEL® NUC KIT NUC5CPYH

Technical Specifications

Processor

- Intel® Celeron® processor N3050 (2.16 GHz Dual Core, 6W TDP)

Graphics

- Intel® HD Graphics
- One HDMI* 1.4b port supporting an ultra-high definition 4K 30 Hz display
- One VGA port

System Memory

- One DDR3L SO-DIMM socket (up to 8 GB, 1333/1600 MHz), 1.35V

Storage Capabilities

- SDXC slot with UHS-I support on the side
- One SATA3 port for connection to 2.5" HDD or SSD (up to 9.5 mm thickness)

Peripheral Connectivity

- Integrated Gigabit LAN
- Four Super Hi-Speed USB 3.0 ports (two back panel ports and two front ports including one charging port)
- Two additional Hi-Speed USB 2.0 ports via internal header
- Intel® Wireless-AC 3165 Dual Band Wireless 802.11ac, 1x1, up to 867 Mbps
- Dual Mode Bluetooth* 4.0

System BIOS

- 64 Mb Flash EEPROM with Intel® Platform Innovation Framework for EFI Plug and Play
- Advanced configuration and power interface V3.0b, SMBIOS2.5
- Intel® Visual BIOS
- Intel® Express BIOS update support

Hardware Management Features

- Processor fan speed control
- Voltage and temperature sensing
- Fan sensor inputs used to monitor fan activity
- ACPI-compliant power management control

Expansion Capabilities

- One NFC header
- 2x Internal USB 2.0 ports via 1x8 header (for replaceable lid support)
- One AUX_PWR header

Audio

- Intel® HD Audio¹ via HDMI 1.4b supporting 8 channel digital audio (7.1 surround sound)
- Intel® HD Audio (headset/microphone)
- TOSLINK optical audio

Front-Panel Header

- Reset, HDD LED, Power LEDs, power on/off

Mechanical Chassis Size

- 4.53" x 4.37" x 2.03"
- 115 mm x 111 mm x 51.6 mm

Baseboard Power Requirements

- 19V, 65W wall-mount AC-DC power adapter
- Multi-country AC adapter (IEC plug types A, C, G, and I)

Environment Operating Temperature

- 0° C to +40° C

Storage Temperature

- -20° C to +60° C

Product Safety Regulations and Standards

- IEC 60950-1
- UL 60950-1
- EN 60950-1
- CAN/CSA-C22.2 No. 60950-1

EMC Regulations and Standards (Class B)

- CISPR 22
- FCC CFR Title 47, Chapter I, Part 15, Subparts A, B
- ICES-003
- EN 55022
- EN 55024
- VCCI V-3, V-4
- KN-22
- KN-24
- CNS 13438

Environmental Regulations

- RoHS Directive 2011/65/EU
- WEEE Directive 2002/96/EC
- China RoHS MII Order #39

¹ Intel technologies may require enabled hardware, specific software, or services activation. Check with your system manufacturer or retailer.

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Actual Intel® NUC kit may differ from the image shown.

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