

Product Brief



INTEL® NUC KIT NUC5PPYH

SUPPORTS
4K DISPLAY

TOSLINK
Optical Audio



SD CARD SLOT

SSD 2.5" HDD

7.1 SURROUND SOUND

The Shape that Fits the Future.





YOU CAN HAVE IT ALL AND HAVE IT SMALL

An entry-level, small footprint Mini PC, the Intel® NUC Kit NUC5PPYH has a quad-core Intel® Pentium® processor that gives you brilliant PC performance as you multitask effortlessly. Complete with WiFi 802.11ac, Bluetooth® 4.0 and 4 USB 3.0 ports, the NUC5PPYH makes it easy to communicate with friends and family, enjoy entertainment, and get your work done. You get the impressive performance and quality you've come to expect from the Intel Pentium processor for more than 20 years.

The kit has room for a 2.5" HDD so you can store all your files or an 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 and customize it to fit your life. 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.

Your digital life in the palm of your hands

The NUC5PPYH is equipped with a quad-core Intel Pentium processor, giving you the performance you need for entry level home theater systems. You can stream media and music from the cloud or watch movies locally. You can add

a 2.5" HDD with room for up to 2 TB of media so you can store all your movies, music, and documents. And the consumer infrared means you can control your Intel NUC from the comfort of your couch or favorite chair. With both 7.1 surround sound capabilities and TOSLINK optical audio, you can enjoy true home theater-like sound, too.

With two video output options, there's no need to buy a new display to support your system. 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. The NUC5PPYH features Intel® HD Graphics for great visuals without the cost of an add-in graphics card.

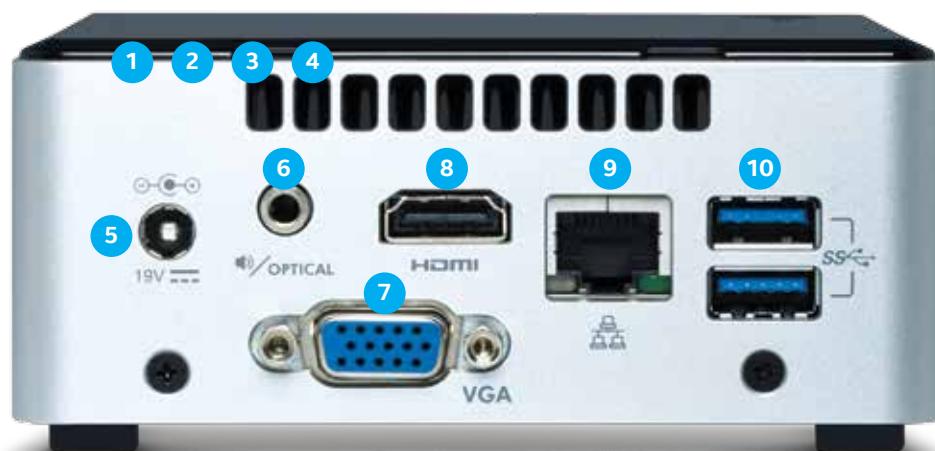
Intel technology and quality

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® Pentium® processor N3700
- 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 NUC5PPYH

Technical Specifications

Processor

- Intel® Pentium® processor N3700 (2.40 GHz, Quad 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

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

Intel products are not intended for use in medical, life-saving, or life-sustaining applications. Intel may make changes to specifications and product descriptions at any time, without notice.

All products, dates, and figures specified are preliminary based on current expectations, and are subject to change without notice. Availability in different channels may vary.

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

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 +50° C

Storage Temperature

- -20° C to +70° 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

Look for Intel® NUC with Intel Inside® at www.intel.com/NUC



INFORMATION IN THIS DOCUMENT IS PROVIDED IN CONNECTION WITH INTEL® PRODUCTS. NO LICENSE, EXPRESS OR IMPLIED, BY ESTOPPEL OR OTHERWISE, TO ANY INTELLECTUAL PROPERTY RIGHTS IS GRANTED BY THIS DOCUMENT EXCEPT AS PROVIDED IN INTEL'S TERMS AND CONDITIONS OF SALE FOR SUCH PRODUCTS. INTEL ASSUMES NO LIABILITY WHATSOEVER, AND INTEL DISCLAIMS ANY EXPRESS OR IMPLIED WARRANTY, RELATING TO SALE AND/OR USE OF INTEL PRODUCTS INCLUDING LIABILITY OR WARRANTIES RELATING TO FITNESS FOR A PARTICULAR PURPOSE, MERCHANTABILITY, OR INFRINGEMENT OF ANY PATENT, COPYRIGHT, OR OTHER INTELLECTUAL PROPERTY RIGHT.