Product Brief

INTEL® NUC MINI PC
NUC5PGYH

32 GB STORAGE | 2 GB MEMORY

- Intel® HD Graphics
- Windows® 10
- 802.11ac Wireless
- SSD/HDD SUPPORT
- SUPPORTS 4K DISPLAY
- Bluetooth®

The Shape that Fits the Future.
The newest Intel® NUC is the first offered as a complete system by Intel. A complete Mini PC in a tiny but mighty package, this Intel NUC with a quad-core Intel® Pentium® processor delivers the same performance and visuals you can get in a full-sized tower.

Don’t let the mini size fool you. The Intel NUC Mini PC NUC5PGYH offers the Intel performance, innovation, and quality you’ve come to rely on. So you can take on demanding projects, move effortlessly between applications, and enjoy rich, immersive multimedia experiences. And with plenty of ports, you can plug in all your devices to customize your experience.

Make room for small wonders
Imagine all the ways you can work, play, create, study, entertain, and inspire with a PC that fits in the palm of your hand. Whether it’s a home theater PC, gaming console replacement, digital signage for your business messages, or thin client replacement for call centers and computer labs, the uses for the NUC5PGYH are limited only by your imagination.

Attach a screen, keyboard, and mouse, and the NUC5PGYH is ready to go in any environment. Hidden out of sight, mounted behind a screen, or parked stylishly cool on a desk or countertop, the NUC5PGYH is small enough to tuck away, yet powerful enough to deliver the performance you need for work or play.

You can have it all and have it small
The NUC5PGYH is equipped with a quad-core Intel® Pentium® processor that gives you Intel level performance you’ve come to expect and the quality you can count on. It also features Intel® HD Graphics so you can stream your favorite shows from Netflix* or Hulu* without the need for additional graphics cards.

The system is preinstalled with Windows® 10, giving you the latest Windows right out of the box. 8-channel audio, built-in Wi-Fi, and Bluetooth*, along with HDMI* supporting 4K resolution and wireless display capabilities means that the NUC5PGYH is home theater capable. The same features help you create an office or conference room that’s free of cables and clutter, and gives you a device that lets you stay productive without sacrificing performance.

Finally, the NUC5PGYH includes 32 GB of on-board storage for your OS and frequently used programs and files. But there’s also room for an SSD or an HDD drive for storing all your music, media, and other data. And because it’s all built by Intel, you know you’re getting the value, performance, and innovation you’ve come to expect—all in 4 inches square.
TINY. POWERFUL. COMPLETE.

Highlighted Features

1. Intel® Pentium® processor N3700
2. One DDR3L SO-DIMM socket (up to 8 GB, 1333/1600 MHz) prepopulated with 2 GB DDR3L-1600 MHz
3. 1x SATA3 port for connection to 2.5" HDD or SSD
4. 32 GB eMMC soldered-down¹
5. Intel® Dual Band Wireless-AC and Bluetooth® 4.0
6. Back panel DC power connector (12V – 19V)
7. TOSLINK optical audio jack
8. VGA port
9. One HDMI® 1.4b display port supporting 8 channel digital audio (7.1 surround sound)
10. Gigabit LAN
11. 2x USB 3.0 ports on the back panel
12. Support for user-replaceable third-party lids
13. Kensington lock with base security
14. SD card slot
15. 2x USB 3.0 ports on the front panel (including one charging port)
16. Intel® HD Audio² via Headphone/Microphone jack
17. Consumer infrared sensor

¹ eMMC is not sold for data storage and is not designed for serviceability.

² HD Audio requires a supported motherboard and operating system.
# Technical Specifications

## Processor
- Intel® Pentium® processor N3700 (2.40 GHz, Quad Core, 6W TDP)
- Supports Intel® 64 architecture

## 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 prepopulated with 2 GB DDR3L-1600 MHz

## Storage Capabilities
- 32 GB eMMC soldered-down
- 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

## Mechanical Chassis Size
- 4.53" x 4.37" x 2.03"
- 115 mm x 111 mm x 51.6 mm

## Pre-loaded OS and Software
- Windows® 10
- Latest Intel® drivers

## 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

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

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1 Requires OS that supports eMMC.
2 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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