



Intel® NUC Kit NUC5PGYH

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 Add to Compare

Specifications

Essentials

- Supplemental Information
- Memory & Storage
- Processor Graphics
- Expansion Options
- I/O Specifications
- Advanced Technologies










Ordering and Compliance

Compatible Products

Technical Documentation

Essentials


 Export specifications

Product Collection	Intel® NUC Mini PC with Intel® Pentium® Processors
Code Name	Products formerly Grass Canyon
Status	Discontinued
Launch Date 	Q3'15
Supported Operating Systems	Windows 10, 64-bit*
Board Number	NUC5PGYB
Board Form Factor	UCFF (4" x 4")
Socket	Soldered-down BGA
Internal Drive Form Factor	2.5" Drive
# of Internal Drives Supported	1
Embedded Storage 	32 GB
Lithography 	14 nm
TDP 	6 W
DC Input Voltage Supported	12-19 VDC
Pre-Installed Operating System 	Windows 10, 64-bit*
Processor Included	Intel® Pentium® Processor N3700 (2M Cache, up to 2.40 GHz)
Intel vPro® Platform Eligibility † 	No
# of Cores 	4
# of Threads 	4
Processor Base Frequency 	1.60 GHz







Warranty Period 

3 yrs





Supplemental Information

Embedded Options Available 	No
Datasheet	View now
Description	Other features: 2GB DDR3L SO-DIMM; 32GB eMMC on-board; Windows® 10, 64-bit Home pre-installed. Includes SDXC card slot
Product Brief	View now





Memory & Storage

Included Memory 	2 GB
Max Memory Size (dependent on memory type) 	8 GB
Memory Types 	DDR3L-1333/1600 1.35V SO-DIMM
Max # of Memory Channels 	1
Max Memory Bandwidth 	12.8 GB/s
Max # of DIMMs 	1
ECC Memory Supported ‡ 	No




Processor Graphics

Processor Graphics ‡ 	Intel® HD Graphics for Intel® Celeron® Processor N3000 Series
Integrated Graphics ‡ 	Yes
Graphics Output 	VGA (HDB15); HDMI 1.4b
Intel® Clear Video Technology 	Yes
# of Displays Supported ‡	2

Expansion Options

PCI Express Revision 	Gen2
PCI Express Configurations ‡ 	M.2 slot with PCIe X1 lane
Removable Memory Card Slot 	SDXC with UHS-I support
M.2 Card Slot (wireless) 	22x30

I/O Specifications

# of USB Ports	6
USB Configuration	2x front and 2x rear USB 3.0; 2x USB 2.0 via internal headers
USB Revision 	2.0, 3.0
USB 2.0 Configuration (External + Internal)	0 + 2
USB 3.0 Configuration (External + Internal)	2B 2F + 0
Total # of SATA Ports 	1
Max # of SATA 6.0 Gb/s Ports	1
RAID Configuration 	N/A

Audio (back channel + front channel)

7.1 digital (HDMI); L+R+mic (F); L+R+TOSLINK (R)

Integrated LAN ?

Realtek 8111HN

Integrated Wireless‡

Intel® Wireless-AC 3165 + Bluetooth 4.2

Integrated Bluetooth

Yes

Consumer Infrared Rx Sensor ?

Yes

S/PDIF Out Connector

TOSLINK

Additional Headers ?

2x USB2.0, AUX_PWR

Advanced Technologies

Intel® Virtualization Technology for Directed I/O (VT-d) ‡ ?

No

Intel vPro® Platform Eligibility ‡ ?

No

TPM ?

No

Intel® HD Audio Technology ?

Yes

Intel® Virtualization Technology (VT-x) ‡ ?

Yes

Intel® Platform Trust Technology (Intel® PTT) ?

Yes

More support options for Intel® NUC Kit NUC5PGYH

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Refer to Datasheet for formal definitions of product properties and features.

‡ This feature may not be available on all computing systems. Please check with the system vendor to determine if your system delivers this feature, or reference the system specifications (motherboard, processor, chipset, power supply, HDD, graphics controller, memory, BIOS, drivers, virtual machine monitor-VMM, platform software, and/or operating system) for feature compatibility. Functionality, performance, and other benefits of this feature may vary depending on system configuration.

System and Maximum TDP is based on worst case scenarios. Actual TDP may be lower if not all I/Os for chipsets are used.

"Announced" SKUs are not yet available. Please refer to the Launch Date for market availability.

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