Intel® NUC Kit NUC5i3MYHE

Specifications

– Essentials

Status	Launched
Launch Date	Q1'15
Board Form Factor	UCFF (4" x 4")
Socket	Soldered-down BGA
Internal Drive Form Factor	M.2 and 2.5" Drive
# of Internal Drives Supported	2
Embedded Options Available	Yes
TDP	15 W
DC Input Voltage Supported	12-19 VDC
Recommended Customer Price	
Datasheet	Link
Description	i3/TPM/USB3/dual-mDP/eDP/LAN/Serial Hdr/M.2 WiFi & SSD slots/NFC & CustSol Hdrs/2.5" drive ready
Processor Included	Intel® Core™ i3-5010U Processor (3M Cache, 2.10 GHz)
Warranty Period	3 yrs

– Memory Specifications

Max Memory Size (dependent on memory type)	16 GB
Memory Types	DDR3L-1333/1600 1.35V SO-DIMM
Max # of Memory Channels	2
Max Memory Bandwidth	25.6 GB/s
Max # of DIMMs	2
ECC Memory Supported ‡	No

– Graphics Specifications

Integrated Graphics ‡	Yes
Graphics Output	2x mDP, 1x eDP
# of Displays Supported ‡	3

– Expansion Options

PCI Express Revision	Gen2
PCI Express Configurations ‡	M.2 slot with PCIe X2 lanes + HS Custom Solutions Header with PCIe x4 lanes

– I/O Specifications

USB Revision	USB 3.0, USB 2.0
# of USB Ports	6
USB 2.0 Configuration (External + Internal)	0 + 2

USB 3.0 Configuration (External + Internal)	4 + 0
Total # of SATA Ports	1
Max # of SATA 6.0 Gb/s Ports	1
RAID Configuration	2.5" SSD + M.2 SATA SSD (RAID-0 RAID-1)
Serial Port via Internal Header	Yes
Audio (back channel + front channel)	Front panel headset jack
Integrated LAN	10/100/1000Mbps

– Package Specifications

Low Halogen Options Available	See MDDS

– Advanced Technologies

Intel® Virtualization Technology for Directed I/O (VT-d) ‡	Yes
Intel® ME Firmware Version	10
TPM	Yes
TPM Version	2.0
Intel® HD Audio Technology	Yes
Intel® Virtualization Technology (VT-x) ‡	Yes

– Intel® Data Protection Technology

Intel® AES New Instructions	Yes

Ordering and Spec Information

Trade Compliance Information

ECCN	CCATS	US HTS
5A992C	R100230	8471500150

Ordering and Spec Information

Spec Code	Ordering Code	Step	RCP
Intel® NUC Kit NUC5i3MYHE, 5 Pack			
	BLKNUC5I3MYHE		$279.00

Download Drivers

LAN: Intel® Gigabit Ethernet Controller Driver for Intel® NUC
Installs the LAN driver for Intel® NUC with the Intel® Gigabit Ethernet Controller.
Version: 20.7 (Latest)   **Date:** 3/1/2016
Operating Systems: Windows 7, 32-bit*, Windows 7, 64-bit*, Windows 8.1, 32-bit*, 3 more

Audio: Realtek* ALC Audio Driver for Intel® NUC
This download record provides the Realtek* Audio Driver version 6.0.1.7730 for the front panel audio jack on Intel® NUC.
Version: 6.0.1.7730 (Latest)   **Date:** 3/1/2016
Operating Systems: Windows 7, 32-bit*, Windows 7, 64-bit*, Windows 8.1, 32-bit*, 3 more

Intel® Remote Keyboard Host App
Installs the Intel® Remote Keyboard Host App, which allows you to control your Intel® NUC or Intel® Compute Stick from your mobile device.
Version: 1.7 (Latest)   **Date:** 2/16/2016
Operating Systems: OS Independent, Windows 8.1, 32-bit*, Windows 8.1, 64-bit*, 2 more

Replaceable lid drawings
Mechanical drawings of the replaceable lids for Intel® NUC Kits.
Version: N/A (Latest)   **Date:** 2/5/2016
Operating Systems: OS Independent

Graphics: Intel® HD Graphics Driver for Windows 7*/8.1*/10* for Intel® NUC
Installs the video graphics driver version 15.40.14.4352 for Intel® NUC products.
Version: 15.40.14.4352 (Latest)   **Date:** 1/29/2016
Operating Systems: Windows 7, 32-bit*, Windows 7, 64-bit*, Windows 8.1, 32-bit*, 4 more

BIOS Update [MYBDWi30.86A]
This download record provides options for updating the BIOS of the Intel® NUC Kit NUC5i3MYHE and Intel® NUC Board NUC5i3MYBE.
Version: 0034 (Latest)   **Date:** 12/29/2015
Operating Systems: OS Independent, Windows 7, 32-bit*, Windows 7, 64-bit*, 6 more

Graphics: Intel® HD Graphics Driver for Windows 10* 32-bit for Intel® NUC
Installs the video graphics driver version 15.40.7.4279 for Intel® NUC products.
Version: 15.40.7.4279 (Latest)   **Date:** 12/22/2015
Operating Systems: Windows® 10, 32-bit

NFC: Near Field Communication GPIO driver for Windows 10*
This download record provides the Near Field Communication (NFC) GPIO driver version 8.0.1.0 for the NFC controller on the Intel® NUC.
Version: 8.0.1.0 (Latest)   **Date:** 12/17/2015
Operating Systems: Windows® 10, 32-bit, Windows® 10, 64-bit

NFC: Near Field Communication GPIO driver for Windows 7*/8.1*
This download record provides the Near Field Communication (NFC) GPIO driver version 7.6.5.0 for the NFC controller on the Intel® NUC.
Version: 7.6.5.0 (Latest)   **Date:** 12/17/2015
Operating Systems: Windows 7, 32-bit*, Windows 7, 64-bit*, Windows 8.1, 32-bit*, 5 more

Intel® ME 10: Management Engine Driver (1.5M) for Intel® NUC
Installs the Intel® Management Engine (Intel® ME) version 10.0.38.1036 for Intel® NUC.
Version: 10.0.38.1036 (Latest)   **Date:** 12/16/2015
Operating Systems: Windows 7, 32-bit*, Windows 7, 64-bit*, Windows 8.1, 32-bit*, Windows 8.1, 64-bit*

Serial IO: Intel® Serial IO host controller for NUC5i[x]MY
Installs the Intel® Serial IO host controller driver version 1.1.226.0 for Intel® NUCs. This driver is ONLY needed if I2C is enabled in BIOS.
Version: 1.1.226.0 (Latest)   **Date:** 12/15/2015
Operating Systems: Windows 8.1, 64-bit*

Board drawings for chassis design
Mechanical drawings of Intel® NUC Boards for chassis designers.
Version: N/A (Latest)   **Date:** 12/8/2015
Operating Systems: OS Independent

Kit drawings for chassis integration
Mechanical drawings of Intel® NUC Kits for integrators.
Version: N/A (Latest)   **Date:** 11/12/2015
Operating Systems: OS Independent

Intel® Integrator Toolkit
Installs Intel® Integrator Toolkit (ITK) version 5.0.4.575. ITK is a customization utility for PC OEMs and professional system integrators.
Version: 5.0.4.575 (Latest)   **Date:** 11/6/2015
Operating Systems: OS Independent, Windows 7, 32-bit*, Windows 7, 64-bit*, 10 more

OA3 Tool for Intel® Integrator Toolkit 5.0
Provides the tools and documentation needed for Microsoft* OEM Activation 3 (OA3) through Intel® Integrator Toolkit 5.0.
Version: 1.7 (Latest)   **Date:** 11/6/2015
Operating Systems: OS Independent, Windows 8, 32-bit*, Windows 8, 64-bit*, 2 more

Intel® Ready Mode Technology for Intel® NUC
Installs the Intel® Ready Mode Technology software.
Version: 1.1.70.506 (Latest)   **Date:** 9/2/2015
Operating Systems: Windows 7, 32-bit*, Windows 7, 64-bit*, Windows 8.1, 32-bit*, 3 more

NUC5i3MY Product Documentation & Manuals
Specifications and other documentation for the Intel® NUC Board NUC5i3MYBE and Intel® NUC Kit NUC5i3MYHE.
Version: N/A (Latest)   **Date:** 9/2/2015
Operating Systems: OS Independent

Chipset: Intel® Chipset Device Software for Intel® NUC
Installs the Intel® Chipset Device Software version 10.1.1.9 for Intel® NUC Boards and Kits.
Version: 10.1.1.9 (Latest)   **Date:** 8/14/2015
Operating Systems: Windows 7, 32-bit*, Windows 7, 64-bit*, Windows 8, 32-bit*, 10 more

RAID: Intel® Rapid Storage Technology Driver for Intel® NUC
Installs the Intel® Rapid Storage Technology (RAID) driver version 14.5.0.1081 for Intel® NUC.
Version: 14.5.0.1081 (Latest)   **Date:** 7/17/2015
Operating Systems: Windows 7, 32-bit*, Windows 7, 64-bit*, Windows 8, 32-bit*, 10 more

Intel® ME 11: Management Engine Driver (1.5M) for Intel® NUC
Installs the Intel® Management Engine (Intel® ME) version 11.0.0.1158 for Intel® NUC boards and kits.
Version: 11.0.0.1158 (Latest)   **Date:** 7/17/2015
Operating Systems: Windows® 10, 32-bit, Windows® 10, 64-bit

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

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

Some products can support AES New Instructions with a Processor Configuration update, in particular, i7-2630QM/i7-2635QM, i7-2670QM/i7-2675QM, i5-2430M/i5-2435M, i5-2410M/i5-2415M. Please contact OEM for the BIOS that includes the latest Processor configuration update.

‡ 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.

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

Low Halogen: Applies only to brominated and chlorinated flame retardants (BFRs/CFRs) and PVC in the final product. Intel components as well as purchased components on the finished assembly meet JS-709 requirements, and the PCB / substrate meet IEC 61249-2-21 requirements. The replacement of halogenated flame retardants and/or PVC may not be better for the environment.

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