

Intel NUC Kit NUC6i5SYH-89190



Product Collection	Intel® NUC Kit with 6th Generation Intel® Core™ Processors
Code Name	Products formerly Swift Canyon
Status	Discontinued
Launch Date	Q4'15
Supported Operating Systems	Windows 10, 64-bit*, Windows 8.1, 64-bit*, Windows 7, 64-bit*
Board Number	NUC6i5SYB
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
Lithography	14 nm
TDP	15 W
DC Input Voltage Supported	12-19 VDC
Processor Included	Intel® Core™ i5-6260U Processor (4M Cache, up to 2.90 GHz)
Intel vPro® Platform Eligibility ‡	No

# of Cores	2
# of Threads	4
Processor Base Frequency	1.80 GHz
Max Turbo Frequency	2.90 GHz
Warranty Period	3 yrs
Embedded Options Available	No
Datasheet	View now
Description	Other features: Includes SDXC card slot
Product Brief	View now
Max Memory Size (dependent on memory type)	32 GB
Memory Types	DDR4-2133 1.2V SO-DIMM
Max # of Memory Channels	2
Max Memory Bandwidth	34.1 GB/s
Max # of DIMMs	2
ECC Memory Supported	No
Integrated Graphics	Yes
Graphics Output	Mini-DP 1.2; HDMI 1.4b
Intel® Clear Video Technology	Yes
# of Displays Supported	3
PCI Express Revision	Gen3

PCI Express Configurations	M.2 slot with PCIe x4 lanes
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Removable Memory Card Slot	SDXC with UHS-I support
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M.2 Card Slot (storage)	22x42/80
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# of USB Ports	6
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USB Configuration	2x front and 2x rear USB 3.0; 2x USB 2.0 via internal headers
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USB Revision	2.0, 3.0
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USB 2.0 Configuration (External + Internal)	0 + 2
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USB 3.0 Configuration (External + Internal)	2B 2F + 0
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Total # of SATA Ports	2
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Max # of SATA 6.0 Gb/s Ports	2
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RAID Configuration	2.5" HDD/SSD + M.2 SATA SSD (RAID-0 RAID-1)
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Audio (back channel + front channel)	7.1 digital (HDMI mDP); L+R+mic (F)
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Integrated LAN	Intel® Ethernet Connection I219-V
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Integrated Wireless	Intel® Wireless-AC 8260 + Bluetooth 4.2
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Integrated Bluetooth	Yes
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Consumer Infrared Rx Sensor	Yes
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Additional Headers	CEC, 2x USB2.0, AUX_PWR
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Intel® Virtualization Technology for Directed I/O (VT-d)	Yes
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**Intel vPro® Platform
Eligibility**

No

TPM

No

**Intel® HD Audio
Technology**

Yes

**Intel® Rapid Storage
Technology**

Yes

**Intel® Virtualization
Technology (VT-x)**

Yes

**Intel® Platform Trust
Technology (Intel® PTT)**

Yes

**Intel® AES New
Instructions**

Yes