

NUC6i7KYK Skull Canyon

The Next Big Thing in a small package

The Simply NUC6i7KYK delivers high-end graphics in a cost-, power-, and space-efficient package, perfect for light gaming, video editing, video rendering, graphics editing, serious high-end business applications, and running multiple applications at the same time. And the Skull Canyon can do all that while running at a quiet level and using less than 120 watts of power. Its small size means you can take it with you wherever you go and pick up where you left off.

All of this in a small sized package which can be mounted behind your monitor or shown off in plain sight thanks to its small size.

The Simply NUC6i7KYK can also act as a small business server thanks to its Gigabit Ethernet adapter with server-class drivers, a Thunderbolt 3 port for high-speed I/O, and support for Windows Server 2016 or a variety of Linux distributions, in addition to Windows 7 Pro or Windows 10 Home or Pro.

Crystal-clear graphics and sound

The Simply NUC6i7KYK supports up to three monitors all running simultaneously at 4K @ 60Hz.

A single 7.1 surround sound digital audio stream is supported through the HDMI or mDP video link and supports HDCP 2.2, or you can plug in to either of the 3.5mm audio jacks.

Hassle-free connectivity

The Simply NUC6i7KYK comes with Intel® 802.11ac wireless, called Gigabit wireless, for connectivity right out-of-the-box. This makes it simple to immediately access files in the cloud, and with built-in Bluetooth 4.2, you can connect wireless peripherals like headsets and keyboards.

Highlighted features

- Intel® Quad-Core i7-6770HQ
- Intel® Iris™ Pro Graphics
- 4GB DDR4-2400 (32GB Max)
- 128GB M.2 SATA SSD (2x2TB Max)
- HDMI 2.0 supporting 4K @ 60Hz
- mDP 1.2
- Thunderbolt 3 (supports Alt-DP)
- Intel® Gigabit LAN
- Intel® Dual Band Wireless-AC
- Intel® Bluetooth 4.2
- Four USB 3.0 Ports. One w/Charging
- One USB 3.1 Gen 2 Port. (10Gb/s)
- Full-size SDXC card slot
- Digital Audio 7.1 Surround Sound
- Front 3.5mm headset jack
- Rear Speaker/TOSLink Combo Jack
- Multi-color Front panel power button
- Consumer IR receiver
- Kensington lock support
- 19V DC Jack (230 watt power adapter)

Customization

- Two DDR4-2400 SO-DIMM Sockets
- Two M.2 2280 Sockets (PCIe or SATA)
- Supports functional Lids
- Skull emblem or plain lid on top



Simply NUC Services

You can order this NUC in your various configurations, as well as your corporate OS Image loaded and ready to deploy.

Technical Specifications

Processor

- Intel® i7-6770HQ processor (2.6 GHz to 3.5 GHz Turbo, Quad Core, 6MB Cache, 45W)

Storage Capabilities

- Two 2280 M.2 slots
- One M.2 slot supports 2242
- M.2 supports both PCIe and SATA
- SDXC slot with UHS-I support

Audio

- Up to 7.1 surround audio via HDMI or mDP ports
- Stereo Headset jack (TRRS) on the front panel
- Combo 3.5mm speaker/TOSLink optical audio jack on rear panel

Hardware Management Features

- Processor fan speed control
- Voltage and temperature sensing
- Fan sensor inputs used to monitor fan activity
- ACPI-compliant power management control

Graphics

- Intel® Iris™ Pro Graphics 580
- One HDMI 2.0 port (4K @ 60Hz)
- One mDP 1.2 ports (4k @ 60Hz)
- One Thunderbolt 3/DisplayPort via USB-C
- Up to 3 displays at 4k resolution

Peripheral Connectivity

- Intel® Gigabit LAN i219-LM
- 2x front USB 3.0 Type-A (one charging)
- 2x rear USB 3.0 Type-A
- 1x rear USB 3.1 Gen2 Type-C
- Intel® Dual Band Wireless-AC 8260 (802.11ac), 2x2, up to 867 Mbps
- Bluetooth 4.2
- Two USB 3.0 ports for functional lid
- Two USB 2.0 ports for functional lid
- IR receiver on front panel

Front Panel Header

- Reset, HDD LED, Power LEDs, power on/off

System Memory

- Two DDR4-2400 SO-DIMM sockets (8GB supplied as standard, 32GB* Max), 1.2V (64GB Max supported when / if available)

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

Baseboard Power Requirements

- 19V, 120W laptop-style AC-DC power adapter

Mechanical Chassis Size

- 8.3" x 4.5" x 1.1"
- 211 mm x 116 mm x 28 mm

Expansion Capabilities (under Lid)

- Internal dual USB 3.0 header
- Internal dual USB 2.0 header
- Front Panel Header, CEC and a Reset output
- SATA power connector

Certification and Regulations

Product Safety Regulations and Standards

- IEC 60950-1
- UL 60950-1
- EN 60950-1
- CAN/CSA-C22.2 No. 60950-1

Environment Operating Temp

- 0° C to +40° C
- Non-condensing Humidity

Storage Temperature

- -20° C to +60° C

EMC/RF Regulations and Standards (Class B)

- CISPR 22
- FCC CFR Title 47, Chapter I, Part 15, Subparts A, B
- ICES-003
- EN 55022
- EN 55024
- ETSI EN 300 328
- ETSI EN 301 489-1
- ETSI EN 301 489-17
- ETSI EN 301 893
- EN 62311
- AS/NZS 2772.2
- AS/NZS 4268
- VCCI V-3, V-4
- KN-22
- KN-24
- CNS 13438

Environmental Regulations

- RoHS Directive 2011/65/EU
- WEEE Directive 2012/19/EU
- China RoHS

Certified Operating Systems

- Windows 10 64-bit (Pro & Home)
- Windows 7 Pro
- Windows Server 2016
- Various Linux including: Ubuntu, Mint, CentOS, etc (Contact Simply NUC for specifics)