NUC5i3RYF - Dual-Core i3 Fanless

Who said small isn't powerful?

The Simply NUC5i3RYF delivers cost-efficient entry-level performance, perfect for basic digital signage or as a desktop replacement. This tiny but mighty NUC can be used to drive digital signs that showcase menus or display corporate information, or for productivity apps that help get business done. The 5th Generation Intel® Core™ i3 processor can easily run any business application and is perfect for Small Office / Home Office environments. The fanless design ensures continuous operation even in dusty environments and is completely silent.

This unit has support for up to 8GB of memory, and the 2.5" drive bay will support a SATA drive (up to 2TB of HDD, 2TB of SSHD, or 4TB of SSD).

The Intel® HD Graphics supports up to 3840x2160 and up to two monitors.

All of this in a small package which can mount behind your monitor or be unobtrusively located in plain sight due to its small size and inconspicuous design.

The Simply NUC5i3RYF supports 7.1 surround sound to deeply immerse you in your content, or you can make use of the 3.5mm Intel HD Audio jacks. The choice is yours.

Hassle-free connectivity

The Simply NUC5i3RYF comes with a Gigabit Ethernet port for connectivity right out-of-the-box, making it simple to immediately access files in the cloud. It also includes a 802.11bgn radio with dual diversity external antennas so you can go wireless.

Highlighted features

- 5th Gen Intel® Core™ i3-5005U
- Intel® HD Graphics 5500
- 4GB DDR3L-1600 (8GB Max)
- 32GB mSATA SSD (1TB Max)
- HDMI 1.4 (2560x1600 @ 60Hz)
- VGA port supporting 2048x1536
- Realtek Gigabit LAN
- Included 802.11bgn Wireless
- Dual diversity external antennas
- Four USB 3.0 Ports
- Two USB 2.0 Ports
- 7.1 digital surround sound over HDMI
- HD Audio over 3.5mm individual Mic/Speaker Jacks
- Front panel power button
- Power adapter included
- 12V DC Jack
- VESA mount kit

Customization

- One DDR3L-1600 SO-DIMM Socket
- Internal 2.5 inch SATA drive bay

Technical Specifications

Processor
- Intel® Core™ i3-5005U processor
  (2.0 GHz, Dual Core,
  Hyper-Threaded, 3 MB Cache,
  10W TPD)

Graphics
- Intel® HD Graphics 5500
- One HDMI 1.4 port (Max 2560x1600)
- One VGA port (Max 2048x1536)

System Memory
- 4GB DDR3L-1600 pre-installed.
- One DDR3 SO-DIMM socket,
  8GB Max, 1.35V

Storage Capabilities
- 32GB mSATA pre-installed.
- One mSATA connector (1TB Max)
- One 2.5" SATA drive bay
  and connector

Peripheral Connectivity
- Realtek Gigabit LAN
- Four SuperSpeed USB 3.0 ports
- Two USB 2.0 ports
- Wireless 802.11bgn (includes antennas)

System Bios
- 64 Mb Flash EEPROM
- Advanced configuration and power
  interface V3.0b, SMBIOS2.5

Audio
- 7.1 surround sound via HDMI
- Back panel 3.5mm TRS
  headphones/mic jacks

Hardware Management Features
- Voltage and temperature sensing
- ACPI-compliant power
  management control

Baseboard Power Requirements
- 12V, 36W laptop-style power adapter
- US Cord included, others available

Mechanical Chassis Size
- 6.5" x 5.13" x 1.63"
- 165 mm x 130 mm x 41 mm
- 0.88kg (1.94lbs) Configured

Expansion Capabilities
- 2.5" SATA drive bay

Certification and Regulations

Product Safety Regulations and Standards
- IEC 60950-1
- UL 60950-1
- EN 60950-1
- CAN/CSA-C22.2 No. 60950-1

EMC/RF Regulations and Standards (Class B)
- CISPR 32
- FCC CFR Title 47, Chapter I, Part 15,
  Subparts B, C, E
- EN 55032
- EN 55024
- EN 62311

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

Environment Operating Temp
- 0° C to +40° C
- Non-condensing humidity

Storage Temperature
- -20° C to +60° C

Certified Operating Systems
- Windows 7, 8.1, or 10
- Windows 10 IoT Enterprise -
  (64-bit only) CBB and LTSB
- Various Linux including:
  Ubuntu, Mint, openSUSE, etc
  (Contact Simply NUC for specifics)