The Shape that Fits the Future.
Small. Solid. Reliable.

From enterprise to small and medium business, university computing labs to call centers, the Intel® NUC is driving new models of computing in small spaces. The Intel® NUC NUC5i5MYHE kit and NUC5i5MYBE board, built with a 5th generation Intel® Core™ i5 vPro™ processor, have a small footprint, but big potential. With 4K display support it’s an ideal device for digital signage with video analytics, digital kiosk, intelligent vending, or PC replacement.

The power and performance to run analytics, reduce downtime

The new Intel NUC kit and board are powered by the Intel® Core™ i5-5300U vPro™ processor, providing an ideal combination of performance and reliability for usages where downtime isn’t an option. Intel® vPro™ technology helps you manage and mitigate repairs remotely, reducing the time it takes to resolve hardware problems by 66 percent and software problems by 88 percent giving your digital signage, intelligent vending, and embedded customers the reliability and availability they require. The advanced capabilities of the Intel® Core™ i5 vPro™ processor gives your customers performance to run video analytics to help target and personalize messages and offers to the right audience. And the triple display capability means your customers can deliver their messages across multiple screens.

PC replacement delivers improved productivity

With the processing power and reliability of the Intel Core vPro processor and Intel® HD graphics for a seamless visual experience without needing an additional graphics card, this Intel NUC makes a perfect PC replacement. A VESA mount is included so your customers can create VESA-mounted All-in-Ones for big computing in small spaces. This Intel NUC also includes Intel® Turbo Boost Technology for performance that adapts to your clients’ needs, along with improved energy efficiency.

Designed for flexibility and customization

A serial port option to connect legacy embedded devices means that you can customize the Intel NUC for a wide-range of usages, including POS systems. A replaceable lid further extends options for customization, enabling third-party innovation and new usage models with NFC and USB headers. Your customers can choose the type of storage they want, as well. The Intel NUC NUC5i5MYHE and NUC5i5MYBE have the option to install a 2.5" HDD or an M.2 SSD. The choice gives your customers options to store all their files locally or take advantage of the fast, power-efficient M.2 form factor which minimizes load times and improves reliability.

Ideal for Digital Signage with Analytics, Intelligent Vending, and PC Replacement.
Perfect for Digital Signage with Video Analytics

HIGHLIGHTED FEATURES

1. 5th generation Intel® Core™ i5-5300U vPro™ processor
2. Intel® HD Graphics 5500
3. Discrete Trusted Platform Module (TPM 2.0)
4. Internal DC power header (12V - 24V)
5. Two DDR3L SO-DIMM sockets (up to 16 GB, 1333/1600 MHz)
6. 2x Internal USB 2.0 ports via 1x8 header (for replaceable lid support)
7. Storage support for M.2 SSD card and 2.5" HDD/SSD
8. M.2 22x30 slot and wireless antennas pre-assembled (for wireless card support)
9. eDP connector
10. Support for user-replaceable third-party lids
11. Intel® HD Audio via Mini DisplayPort* and Headphone/Microphone jack
12. 2x USB 3.0 ports on the front panel
13. Two Mini DisplayPorts* version 1.2 supporting 8 channel digital audio (7.1 surround sound)
14. 2x USB 3.0 ports on the back panel
15. Intel® Gigabit LAN
16. Back panel serial port expandability (requires 3rd party serial cable)
17. Backpanel DC power connector (12V - 19V)
18. Kensington lock support
PERIPHERAL CONNECTIVITY
• 5th generation Intel® Core™ i5-5300U vPro™ processor (2.3 GHz up to 2.9 GHz Turbo Dual Core, 3 MB Cache, 15W TDP)
• Supports Intel® Virtualization Technology (VT-x)
• Supports Intel® 64 architecture

GRAPHICS
• Intel® HD Graphics 5500
• Two Mini DisplayPorts version 1.2 each supporting ultra-high definition 4K displays and multiple monitor functionality
• One eDP connector (2-lane with backlight and adjustable voltage/timings)

SYSTEM MEMORY
• Two DDR3L SO-DIMM sockets

STORAGE CAPABILITIES
• Two DDR3L SO-DIMM sockets

SYSTEM BIOS
• Intel® Visual 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® Express BIOS update support
• Optimized POST for almost instant-on access to PC from power on

HARDWARE MANAGEMENT FEATURES
• Intel® vPro™ technology
• Intel® AMT 10.0
• Voltage and temperature sensing
• Fan sensor inputs used to monitor fan activity
• ACPI-compliant power management control
• Built-in watchdog timer support

EXPANSION CAPABILITIES
• One M.2 22x30 Type E connector (antennas pre-assembled for wireless card support)
• One Custom Solutions header (DMIC, 3x GPIO, 2x I2C, SMBus, 3.3/5 Vstby)
• One High-Speed Custom Solutions connector (PCIe* x4)
• One NFC header

AUDIO
• Intel® HD Audio via Mini DisplayPort version 1.2, supporting 8 channel digital audio (7.1 surround sound)
• Intel HD Audio via front panel analog audio jack (supporting headset, speakers, headphones, microphone)

MECHANICAL CHASSIS SIZE
• 4.53” x 4.37” x 1.9”
• 115 mm x 111 mm x 48.7 mm

BASEBOARD POWER REQUIREMENTS
• 12-24V DC internal power header
• 12-19V DC back panel power connector
• 19V, 65W wall-mount AC-DC power adapter
• Multi-country AC adapter (IEC plug types A, C, G and I)

ENVIRONMENT OPERATING TEMPERATURE
• Kit: 0°C to +40°C
• Board: 0°C to +50°C

STORAGE TEMPERATURE
• Kit: -20°C to +60°C
• Board: -20°C to +70°C

PRODUCT SAFETY REGULATIONS AND STANDARDS
• IEC 60950-1
• UL 60950-1
• EN 60950-1
• CAN/CSA-C22.2 No. 60950-1

EMC REGULATIONS AND STANDARDS (CLASS B)
• CISPR 22
• FCC CFR Title 47, Chapter I, Part 15, Subparts A, B
• ICES-003
• EN 55022
• EN 55024
• VCCI V-3, V-4
• KN-22
• KN-24
• CNS 13438

ENVIRONMENTAL REGULATIONS
• RoHS Directive 2011/65/EU
• WEEE Directive 2002/96/EC
• China RoHS MII Order #39

Look for Intel® NUC with Intel Inside® at www.intel.com/NUC

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Printed in USA 0215/BCP/H8D/PDF