Intel® NUC Kit NUC5i5RYH (Rock Canyon)
General Availability in WW10

Target markets:
• Immersive gaming
• Content creation
• Home theater
• Home office

A revolution in ultra-compact design, this Intel® NUC packs more features, including support for 2.5-inch drives, into an innovative small form factor. This fully scalable, computing solution comes complete with the latest 5th generation Intel® Core™ i5 processor. The Intel NUC provides a flexible, customizable engine to drive home theater PCs, media server PCs, and intelligent computing into small spaces, or anywhere else you can imagine.

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<tr>
<th>SKU</th>
<th>MM#</th>
<th>Description</th>
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<td>BOXNUC5i5RYH</td>
<td>936891</td>
<td>Retail box</td>
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<tr>
<td>PPNUC5i5RYH</td>
<td>936892</td>
<td>Pre-production sample</td>
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Processor: Intel® 5th Generation Core i5-5250U (1.6 GHz up to 2.7 GHz Turbo, Dual Core, 3 MB Cache, 15W TDP)

Memory:
• Dual-channel DDR3L SODIMMs
• 1.35V, 1333/1600/1866 MHz, 16GB maximum

Graphics:
• Intel® HD Graphics 6000
• 1x mini HDMI 1.4a
• 1x mini DisplayPort 1.2

Audio:
• Up to 7.1 surround audio via Mini HDMI and Mini DisplayPort

Peripheral Connectivity:
• 2x USB 3.0 ports on the back panel
• 2x USB 3.0 ports on the front panel (1x charging capable)
• 2x Internal USB 2.0 via header
• Consumer Infrared sensor on the front panel

Storage:
• Internal support for M.2 SSD card (22x42, 22x60, or 22x80)
• Internal SATA3 support for 2.5” HDD/SSD (up to 9.5mm thickness)

Networking:
• Intel® 10/100/1000Mbps Network Connection
• Intel® Wireless-AC 7265 M.2 soldered-down, wireless antennas (IEEE 802.11ac, Bluetooth® 4, Intel® Wireless Display)

Enclosure:
• Silver with Black Top and Diamond Cut around the Top
• Aluminum and Plastic
• Dimensions : 115mm x 111mm x 48.7mm

Power Adapter:
• 19V, 65W wall-mount AC-DC power adapter
• Multi-country plugs (IEC types A/C/G/I)

Additional Features:
• Support for user-replaceable 3rd party lids
• NFC and AUX_PWR headers
• OS: Windows 7 & 8.1 logo’d; Linux compatibility
• VESA mount bracket and mounting hole support
• Low-acoustics active cooling design
• Kensington lock support
• Integration Guide
• 12-19V DC Power Input
• Power sensing circuit for protection against over-power shutdowns
• 3-year Advanced Warranty Replacement
Target markets:
• Immersive gaming
• Content creation
• Home theater
• Home office

Sleek, shiny, and with a smaller footprint than a wireless modem, the Intel® NUC with the 5th generation Intel® Core™ i5 processor is at home in your living room, your office, or your media center. This Intel NUC is equipped with Intel® Turbo Boost Technology, automatically allowing processor cores to safely run faster than the base frequency. It also comes with Intel® HD Graphics 6000 to ensure a brilliant HD experience and drive 4K displays.
Target markets:
- Mainstream gaming
- Content creation
- Home theater
- Home office

A revolution in ultra-compact design, this Intel® NUC packs more features, including support for 2.5-inch drives, into an innovative small form factor. This fully scalable, computing solution comes complete with the latest 5th generation Intel® Core™ i3 processor. The Intel NUC provides a flexible, customizable engine to drive home theater PCs, media server PCs, and intelligent computing into small spaces, or anywhere else you can imagine.

**Intel® NUC Kit NUC5i3RYH**
(Rock Canyon)
General Availability in ww5

### Specifications

**Processor**
- Intel® 5th Generation Core i3-5010U (2.1 GHz Dual Core, 3 MB Cache, 15W TDP)

**Memory**
- Dual-channel DDR3L SODIMMs
- 1.35V, 1333/1600/1866 MHz, 16GB maximum

**Graphics**
- Intel® HD Graphics 5500
- 1x mini HDMI 1.4a
- 1x mini DisplayPort 1.2

**Audio**
- Up to 7.1 surround audio via Mini HDMI and Mini DisplayPort
- Headphone/Microphone jack on the front panel

**Peripheral Connectivity**
- 2x USB 3.0 ports on the back panel
- 2x USB 3.0 ports on the front panel (1x charging capable)
- 2x Internal USB 2.0 via header
- Consumer Infrared sensor on the front panel

**Storage**
- Internal support for M.2 SSD card (22x42, 22x60, or 22x80)
- Internal SATA3 support for 2.5" HDD/SSD (up to 9.5mm thickness)

**Networking**
- Intel® 10/100/1000Mbps Network Connection
- Intel® Wireless-AC 7265 M.2 soldered-down, wireless antennas (IEEE 802.11ac, Bluetooth® 4, Intel® Wireless Display)

**Enclosure**
- Silver with Black Top and Diamond Cut around the Top
- Aluminum and Plastic
- Dimensions : 115mm x 111mm x 48.7mm

**Power Adapter**
- 19V, 65W wall-mount AC-DC power adapter
- Multi-country plugs (IEC types A/C/G/I)

**Power**
- Support for user-replaceable 3rd party lids
- NFC and AUX_PWR headers
- OS: Windows 7 & 8.1 logo’d; Linux compatibility
- VESA mount bracket and mounting hole support
- Low-acoustics active cooling design
- Kensington lock support
- Integration Guide
- 12-19V DC Power Input
- Power sensing circuit for protection against over-power shutdowns
- 3-year Advanced Warranty Replacement

---

**SKU**  | **MM#**  | **Description**
---|---|---
BOXNUC5i3RYH | 936895 | Retail box
PPNUC5i3RYH | 936896 | Pre-production sample
Target markets:
- Mainstream gaming
- Content creation
- Home theater
- Home office

This new generation Intel NUC packs more features into an even slimmer form factor. Built with a 5th generation Intel® Core™ i3 processor, integrated Intel® HD Graphics 5500, and 8-channel audio, the Intel® NUC gives you the power to create a media center PC. The sleek, small Intel NUC has a line-out/headset jack and USB 3.0 for easy home theater connections and gaming requirements. Or, use it as a home office PC.
Intel® NUC Kit NUC5i5MYHE (Maple Canyon)  
General Availability in WW10  

Target markets:  
- Digital signage  
- Government  
- Enterprise  
- SMB

The Intel® NUC with a 5th generation Intel® Core™ i5 vPro™ processor packs a wealth of features in a compact design, starting with Intel® vPro™ Technology to remotely manage your system. This Intel NUC provides a powerful engine to drive intelligent computing into small spaces, while still allowing internal support for 2.5-inch drives. And with its three-year supply availability, the Intel NUC Kit NUC5i5MYHE will be around to support long development and production ramp cycles.

Processor: Intel® 5th Generation Core i5-5300U vPro  
(2.3GHz up to 2.9GHz Turbo Dual Core, 3MB Cache, 15W TDP)

Memory:  
- Dual-channel DDR3L SODIMMs  
- 1.35V, 1333/1600 MHz, 16GB maximum

Graphics:  
- Intel® HD Graphics 5500  
- 2x mini DisplayPort 1.2  
- 1x eDP (2-lane with backlight and adjustable voltage/timings)

Audio:  
- Up to 7.1 surround audio via Mini DisplayPort  
- Headphone/Microphone jack on the front panel

Peripheral Connectivity:  
- 2x USB 3.0 ports on the back panel  
- 2x USB 3.0 ports on the front panel  
- 2x Internal USB 2.0 ports via header

Storage:  
- Internal support for M.2 SSD card (22x42 or 22x80)  
- Internal SATA3 support for 2.5” HDD/SSD (up to 9.5mm thickness)

Networking:  
- Intel® 10/100/1000Mbps Network Connection  
- M.2 22x30 slot and wireless antennas pre-assembled (for wireless card support)

Enclosure:  
- Silver with Black Top and Diamond Cut around the Top  
- Aluminum and Plastic  
- Dimensions: 115mm x 111mm x 48.7mm

Power Adapter:  
- 19V, 65W wall-mount AC-DC power adapter  
- Multi-country plugs (IEC types A/C/G/I)

Additional Features:  
- Intel® vPro™ Technology and Intel® AMT v10.0  
- Discrete Trusted Platform Module (TPM v2.0)  
- Watchdog timer  
- Backpanel serial port expandability via onboard header (3rd party cable required)  
- Support for user-replaceable 3rd party lids  
- High-Speed Custom Solutions connector (PCIe x4, SATA)  
- Custom Solutions header (DMIC, AppLaunch GPIO, SMBus, I2C[0:1], GPIO[0:1], 3.3/5 Vstby power), and NFC header  
- Power connectors: 12-19V DC (back panel), 12-24V DC (internal)  
- Power sensing circuit for protection against over-power shutdowns  
- OS: Windows 7 & 8.1 logo’d; Linux compatibility  
- VESA mount bracket and mounting hole support  
- Low-acoustics active cooling design  
- Kensington lock support  
- Integration Guide  
- 3 year Product Life Cycle  
- 3-year Advanced Warranty Replacement

SKU | MM# | Description  
--- | --- | ---  
BLKNUC5i5MYHE | 938688 | 5-pack bulk  
PPNUC5i5MYHE | 938689 | Pre-production sample
Target markets:
• Digital signage
• Industrial
• Vending
• Your projects!

Designed for usages best addressed by 3rd party (or your own) chassis, this Intel® NUC with a 5th generation Intel® Core™ i5 vPro™ processor packages a highly versatile computing solution in the smallest possible form factor. This Intel® NUC provides a wealth of features in a compact design, starting with Intel® vPro™ Technology to remotely manage intelligent computing solutions into small spaces. And with its three-year supply availability, the Intel NUC Board NUC5i5MYBE will be around to support long development and production ramp cycles.

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<tr>
<th>Processor</th>
<th>Intel® 5th Generation Core i5-5300U vPro (2.3GHz up to 2.9GHz Turbo Dual Core, 3MB Cache, 15W TDP)</th>
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<tbody>
<tr>
<td>Memory</td>
<td>• Dual-channel DDR3L SODIMMs</td>
</tr>
<tr>
<td></td>
<td>• 1.35V, 1333/1600 MHz, 16GB maximum</td>
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<tr>
<td>Graphics</td>
<td>• Intel® HD Graphics 5500</td>
</tr>
<tr>
<td></td>
<td>• 2x mini DisplayPort 1.2</td>
</tr>
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<td></td>
<td>• 1x eDP (2-lane with backlight and adjustable voltage/timings)</td>
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<tr>
<td>Audio</td>
<td>• Up to 7.1 surround audio via Mini DisplayPort</td>
</tr>
<tr>
<td></td>
<td>• Headphone/Microphone jack on the front panel</td>
</tr>
<tr>
<td>Peripheral Connectivity</td>
<td>• 2x USB 3.0 ports on the back panel</td>
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<td></td>
<td>• 2x USB 3.0 ports on the front panel</td>
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<tr>
<td></td>
<td>• 2x Internal USB 2.0 ports via header</td>
</tr>
<tr>
<td>Storage</td>
<td>• Internal support for M.2 SSD card (22x42 or 22x80)</td>
</tr>
<tr>
<td></td>
<td>• 1x SATA3 port (w/SATA DOM support) + SATA power header</td>
</tr>
<tr>
<td>Networking</td>
<td>• Intel® 10/100/1000Mbps Network Connection</td>
</tr>
<tr>
<td></td>
<td>• M.2 22x30 slot (for wireless card support)</td>
</tr>
<tr>
<td>Additional Features</td>
<td>• Intel® vPro™ Technology and Intel® AMT v10.0</td>
</tr>
<tr>
<td></td>
<td>• Discrete Trusted Platform Module (TPM v2.0)</td>
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<td>• Watchdog timer</td>
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<td>• Serial port header</td>
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<td>• High-Speed Custom Solutions connector (PCie x4, SATA)</td>
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<td>• Custom Solutions header (DMIC, AppLaunch GPIO, SMBus, I2C[0:1], GPIO[0:1], 3.3/5 V standby power, and NFC header)</td>
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<td></td>
<td>• Power connectors: 12-19V DC (back panel), 12-24V DC (internal)</td>
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<td>• Power sensing circuit for protection against over-power shutdowns</td>
</tr>
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<td></td>
<td>• OS: Windows 7 &amp; 8.1 logo’d; Linux &amp; ThinLinX compatibility</td>
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<td></td>
<td>• Low-acoustics active cooling design</td>
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<tr>
<td></td>
<td>• 3 year Product Life Cycle</td>
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<tr>
<td></td>
<td>• 3-year Advanced Warranty Replacement</td>
</tr>
<tr>
<td>Form Factor</td>
<td>• “4 x 4”</td>
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<th>SKU</th>
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<td>BLKNUC5i5MYBE</td>
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<td>PPNUC5i5MYBE</td>
<td>938714</td>
<td>Pre-production sample</td>
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</table>
Intel® NUC Kit NUC5i3MYHE (Maple Canyon)

General Availability in ww5

Target markets:
• Digital signage
• Government
• Enterprise
• SMB

The Intel® NUC with a 5th generation Intel® Core™ i3 processor packs a wealth of features in a compact design. This highly versatile computing solution provides a powerful engine to drive intelligent computing into small spaces, while still allowing internal support for 2.5-inch drives. And with its three-year supply availability, the Intel NUC Kit NUC5i5MYHE will be around to support long development and production ramp cycles.

Processor
Intel® 5th Generation Core i3-5010U (2.1GHz Dual Core, 3MB Cache, 15W TDP)

Memory
• Dual-channel DDR3L SODIMMs
• 1.35V, 1333/1600 MHz, 16GB maximum

Graphics
• Intel® HD Graphics 5500
• 2x mini DisplayPort 1.2
• 1x eDP (2-lane with backlight and adjustable voltage/timings)

Audio
• Up to 7.1 surround audio via Mini DisplayPort
• Headphone/Microphone jack on the front panel

Peripheral Connectivity
• 2x USB 3.0 ports on the back panel
• 2x USB 3.0 ports on the front panel
• 2x Internal USB 2.0 ports via header

Storage
• Internal support for M.2 SSD card (22x42 or 22x80)
• Internal SATA3 support for 2.5” HDD/SSD (up to 9.5mm thickness)

Networking
• Intel® 10/100/1000Mbps Network Connection
• M.2 22x30 slot and wireless antennas pre-assembled (for wireless card support)

Enclosure
• Silver with Black Top and Diamond Cut around the Top
• Aluminum and Plastic
• Dimensions : 115mm x 111mm x 48.7mm

Power Adapter
• 19V, 65W wall-mount AC-DC power adapter
• Multi-country plugs (IEC types A/C/G/I)

Additional Features
• Discrete Trusted Platform Module (TPM v2.0)
• Watchdog timer
• Backpanel serial port expandability via onboard header (3rd party cable required)
• Support for user-replaceable 3rd party lids
• High-Speed Custom Solutions connector (PCIe x4, SATA)
• Custom Solutions header (DMIC, AppLaunch GPIO, SMBus, i2C[0:1], GPIO[0:1], 3.3/5 Vsbby power), and NFC header
• Power connectors: 12-19V DC (back panel), 12-24V DC (internal)
• Power sensing circuit for protection against over-power shutdowns
• OS: Windows 7 & 8.1 logo’d; Linux & ThinLinX compatibility
• VESA mount bracket and mounting hole support
• Low-acoustics active cooling design
• Kensington lock support
• Integration Guide
• 3 year Product Life Cycle
• 3-year Advanced Warranty Replacement
Intel® NUC Board NUC5i3MYBE
(Maple Canyon)

Target markets:
- Digital signage
- Industrial
- Vending
- Your projects!

Designed for usages best addressed by 3rd party (or your own) chassis, this Intel® NUC with a 5th generation Intel® Core™ i3 processor packages a highly versatile computing solution in the smallest form factor. This Intel® NUC provides a wealth of features in a compact design, such as eDP support for internal flat panel displays, as well as PCIe x4 expandability for custom daughtercard solutions. And with its three-year supply availability, the Intel NUC Board NUC5i3MYBE will be around to support long development and production ramp cycles.

### Processor
- Intel® 5th Generation Core i3-5010U
  - (2.1GHz Dual Core, 3MB Cache, 15W TDP)

### Memory
- Dual-channel DDR3L SODIMMs
- 1.35V, 1333/1600 MHz, 16GB maximum

### Graphics
- Intel® HD Graphics 5500
- 2x mini DisplayPort 1.2
- 1x eDP (2-lane with backlight and adjustable voltage/timings)

### Audio
- Up to 7.1 surround audio via Mini DisplayPort
- Headphone/Microphone jack on the front panel

### Peripheral Connectivity
- 2x USB 3.0 ports on the back panel
- 2x USB 3.0 ports on the front panel
- 2x Internal USB 2.0 ports via header

### Storage
- Internal support for M.2 SSD card (22x42 or 22x80)
- 1x SATA3 port (w/SATA DOM support) + SATA power header

### Networking
- Intel® 10/100/1000Mbps Network Connection
- M.2 22x30 slot (for wireless card support)

### Additional Features
- Discrete Trusted Platform Module (TPM v2.0)
- Watchdog timer
- Serial port header
- High-Speed Custom Solutions connector (PCIe x4, SATA)
- Custom Solutions header (DMIC, AppLaunch GPIO, SMBus, I2C[0:1], GPIO[0:1], 3.3/5 Vstby power), and NFC header
- Power connectors: 12-19V DC (back panel), 12-24V DC (internal)
- Power sensing circuit for protection against over-power shutdowns
- OS: Windows 7 & 8.1 logo’d; Linux & ThinLinX compatibility
- Low-acoustics active cooling design
- 3 year Product Life Cycle
- 3-year Advanced Warranty Replacement

### Form Factor
- “4 x 4”

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<thead>
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<th>Description</th>
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<td>938717</td>
<td>5-pack bulk</td>
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<td>PPNUC5i3MYBE</td>
<td>938718</td>
<td>Pre-production sample</td>
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</table>

General Availability in ww5

SKU | MM#      | Description           |
---  | ---      | ----------------------|
BLKNUC5i3MYBE | 938717 | 5-pack bulk           |
PPNUC5i3MYBE | 938718 | Pre-production sample |
**Intel® NUC Kit D54250WYKH**  
(Wilson Canyon)  
Production Now

Target markets:  
- Immersive gaming  
- Content creation  
- Home theater  
- Home office

A revolution in ultra-compact design, this Intel® NUC packs more features, including support for 2.5-inch drives, into an innovative small form factor. This fully scalable, computing solution comes complete with the latest 4th generation Intel® Core™ i5 processor. The Intel NUC provides a flexible, customizable engine to drive home theater PCs, media server PCs, and intelligent computing into small spaces, or anywhere else you can imagine.

**Processor**  
Intel® 4th Generation Core i5-4250U  
(1.3GHz up to 2.6GHz Turbo Dual Core, 3MB Cache, 15W TDP)

**Memory**  
- Dual-channel DDR3L SODIMMs  
- 1.35V, 1333/1600 MHz, 16GB maximum

**Graphics**  
- Intel® HD Graphics 5000  
- 1x mini HDMI 1.4a  
- 1x mini DisplayPort 1.2

**Audio**  
- Up to 7.1 surround audio via Mini HDMI and Mini DisplayPort  
- Headphone/Microphone jack on the front panel

**Peripheral Connectivity**  
- 2x USB 3.0 ports on the back panel  
- 2x USB 3.0 ports on the front panel  
- 2x Internal USB 2.0 via 2x5 header  
- Consumer Infrared sensor on the front panel

**Storage**  
- Internal support mSATA (SSD) card via full-length PCIe Mini Card  
- Internal SATA3 support for 2.5" HDD/SSD (up to 9.5mm thickness)

**Networking**  
- Intel® 10/100/1000Mbps Network Connection  
- Half-length PCIe® mini-card slot and wireless antennas pre-assembled (for wireless card support)

**Enclosure**  
- Silver with Black Top and Diamond Cut around the Top  
- Aluminum and Plastic  
- Dimensions: 116.6mm x 112mm x 49.5mm

**Power Adapter**  
- 19V, 65W AC-DC power adapter

**Additional Features**  
- Windows 8 & 8.1 Logo  
- Compatible with Linux (Linux Mint, Fedora, Ubuntu, OpenSUSE) and Windows 7  
- VESA mount bracket (75x75mm and 100x100mm compatible)  
- Kensington lock support  
- Integration Guide  
- 12-19V DC Power Input  
- 12-24V DC Power input via internal power header  
- 3-year Advanced Warranty Replacement
**Intel® NUC Kit D54250WYK**  
(Wilson Canyon)  
Production Now

**Target markets:**
- Immersive gaming
- Content creation
- Home theater
- Home office

Sleek, shiny, and with a smaller footprint than a wireless modem, the Intel® NUC with the 4th generation Intel® Core™ i5 processor is at home in your living room, your office, or your media center. This Intel NUC is equipped with Intel® Turbo Boost Technology 2.0, automatically allowing processor cores to safely run faster than the base frequency. It also comes with Intel® HD Graphics 5000 to ensure a brilliant HD experience and drive 4K displays.

**Processor**  
Inte®l 4th Generation Core i5-4250U  
(1.3GHz up to 2.6GHz Turbo Dual Core , 3MB Cache, 15W TDP)

**Memory**
- Dual-channel DDR3L SODIMMs
- 1.35V, 1333/1600 MHz, 16GB maximum

**Graphics**
- Intel® HD Graphics 5000
- 1x mini HDMI 1.4a
- 1x mini DisplayPort 1.2

**Audio**
- Up to 7.1 surround audio via Mini HDMI and Mini DisplayPort
- Headphone/Microphone jack on the front panel

**Peripheral Connectivity**
- 2x USB 3.0 ports on the back panel
- 2x USB 3.0 ports on the front panel
- 2x Internal USB 2.0 via 2x5 header
- Consumer Infrared sensor on the front panel

**Storage**
- Internal support mSATA (SSD) card via full-length PCIe Mini Card

**Networking**
- Intel® 10/100/1000Mbps Network Connection
- Half-length PCIe® mini-card slot and wireless antennas pre-assembled (for wireless card support)

**Enclosure**
- Silver with Black Top and Diamond Cut around the Top
- Aluminum and Plastic
- Dimensions : 116.6mm x 112mm x 34.5mm

**Power Adapter**
- 19V, 65W AC-DC power adapter

**SKU**  
**Description**
- BOXD54250WYK  
  No Cord
- BOXD54250WYK1  
  Type B (USA/Can)
- BOXD54250WYK2  
  Type E (Central Europe)
- BOXD54250WYK3  
  Type G (UK/HKG)

**Additional Features**
- Windows 8 & 8.1 Logo
- Compatible with Linux (Linux Mint, Fedora, Ubuntu, OpenSUSE) and Windows 7
- VESA mount bracket (75x75mm and 100x100mm compatible)
- Kensington lock support
- Integration Guide
- 12-19V DC Power Input
- 12-24V DC Power input via internal power header
- 3-year Advanced Warranty Replacement
## Processor
Intel® 4th Generation Core i5-4250U (1.3GHz up to 2.6GHz Turbo Dual Core, 3MB Cache, 15W TDP)

## Memory
- Dual-channel DDR3L SODIMMs
- 1.35V, 1333/1600 MHz, 16GB maximum

## Graphics
- Intel® HD Graphics 5000
- 1x mini HDMI 1.4a
- 1x mini DisplayPort 1.2

## Audio
- Up to 7.1 surround audio via Mini HDMI and Mini DisplayPort
- Headphone/Microphone jack

## Peripheral Connectivity
- 2x USB 3.0 ports on the back panel
- 2x USB 3.0 ports on the front panel
- 2x Internal USB 2.0 via 2x9 header
- Consumer Infrared sensor

## Storage
- Supports mSATA (SSD) card via full-length PCIe Mini Card

## Networking
- Intel® 10/100/1000Mbps Network Connection
- Half-length PCIe* mini-card slot (for wireless card support)

## Additional Features
- 1x SATA3 data connector
- 1x SATA power connector
- Windows 8 & 8.1 Logo
- Compatible with Linux (Linux Mint, Fedora, Ubuntu, OpenSUSE) and Windows 7
- 12-19V DC Power Input (power adapter not included)
- 12-24V DC Power input via internal power header
- 3-year Advanced Warranty Replacement

## Form Factor
- "4 x 4"

### SKU, MM#, Description

<table>
<thead>
<tr>
<th>SKU</th>
<th>MM#</th>
<th>Description</th>
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<tbody>
<tr>
<td>BLKDK54250WYB</td>
<td>931580</td>
<td>10-pack bulk</td>
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</table>

Target markets:
- Digital signage
- Industrial
- Vending
- Your projects!

Designed for usages best addressed by 3rd party (or your own) chassis, this Intel NUC board based on the 4th generation Intel® Core™ i5 processor comes with Intel® HD Graphics 5000 to ensure a brilliant HD experience, Intel® Quick Sync Video for fast video encoding, and DisplayPort 1.2* for driving 4K displays. Couple this with a line-out/headset jack, along with four USB 3.0 ports and an infrared sensor for your remote control, and you can create a home entertainment system, a gaming machine, a digital jukebox, or all of the above.
Target markets:
- Mainstream gaming
- Home theater
- Home office

A revolution in ultra-compact design, this Intel® NUC packs more features, including support for 2.5-inch drives, into an innovative small form factor. This fully scalable, computing solution comes complete with the latest 4th generation Intel® Core™ i3 processor. The Intel NUC provides a flexible, customizable engine to drive home theater PCs, media server PCs, and intelligent computing into small spaces, or anywhere else you can imagine.

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<td>BOXD34010WYKH2</td>
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<td>Type E (Central Europe)</td>
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<tr>
<td>BOXD34010WYKH3</td>
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### Processor
- Intel® 4th Generation Core i3-4010U (1.7GHz Dual Core, 3MB Cache, 15W TDP)

### Memory
- Dual-channel DDR3L SODIMMs
- 1.35V, 1333/1600 MHz, 16GB maximum

### Graphics
- Intel® HD Graphics 4400
- 1x mini HDMI 1.4a
- 1x mini DisplayPort 1.2

### Audio
- Up to 7.1 surround audio via Mini HDMI and Mini DisplayPort
- Headphone/Microphone jack on the front panel

### Peripheral Connectivity
- 2x USB 3.0 ports on the back panel
- 2x USB 3.0 ports on the front panel
- 2x Internal USB 2.0 via 2x9 header
- Consumer Infrared sensor on the front panel

### Storage
- Internal support mSATA (SSD) card via full-length PCIe Mini Card
- Internal SATA3 support for 2.5” HDD/SSD (up to 9.5mm thickness)

### Networking
- Intel® 10/100/1000Mbps Network Connection
- Half-length PCIe* mini-card slot and wireless antennas pre-assembled (for wireless card support)

### Enclosure
- Silver with Black Top and Diamond Cut around the Top
- Aluminum and Plastic
- Dimensions : 116.6mm x 112mm x 49.5mm

### Power Adapter
- 19V, 65W AC-DC power adapter

### Additional Features
- Windows 8 & 8.1 Logo
- Compatible with Linux (Linux Mint, Fedora, Ubuntu, OpenSUSE) and Windows 7
- VESA mount bracket (75x75mm and 100x100mm compatible)
- Kensington lock support
- Integration Guide
- 12-19V DC Power Input
- 12-24V DC Power input via internal power header
- 3-year Advanced Warranty Replacement
Intel® NUC Kit D34010WYK
(Wilson Canyon)
Production Now

Target markets:
• Mainstream gaming
• Home theater
• Home office

This new generation Intel NUC packs more features into an even slimmer form factor. Built with a 4th generation Intel® Core™ i3 processor, integrated Intel® HD Graphics 4400, and 8-channel audio, the Intel® NUC gives you the power to create a media center PC. The sleek, small Intel NUC has a line-out/headset jack and USB 3.0 for easy home theater connections and gaming requirements. Or, use it as a home office PC. The Intel NUC: as small as a desktop speaker, as powerful as a sonic boom.

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Intel® NUC Board D34010WYB (Wilson Canyon)  
Production Now

Target markets:
- Digital signage
- Industrial
- Vending
- Your projects!

Designed for usages best addressed by 3\textsuperscript{rd} party (or your own) chassis, this Intel NUC board is built with a 4\textsuperscript{th} generation Intel® Core™ i3 processor, integrated Intel® HD Graphics 4400, and 8-channel digital audio. Couple this with a line-out/headset jack along with four USB 3.0 ports and an infrared sensor for your remote control, and you can create a home entertainment system, a gaming machine, a digital jukebox, or all of the above.

<table>
<thead>
<tr>
<th>Processor</th>
<th>Intel® 4th Generation Core i3-4010U (1.7GHz Dual Core, 3MB Cache, 15W TDP)</th>
</tr>
</thead>
</table>
| Memory    | • Dual-channel DDR3L SODIMMs  
            • 1.35V, 1333/1600 MHz, 16GB maximum                                  |
| Graphics  | • Intel® HD Graphics 4400  
            • 1x mini HDMI 1.4a  
            • 1x mini DisplayPort 1.2                                      |
| Audio     | • Up to 7.1 surround audio via Mini HDMI and Mini DisplayPort  
            • Headphone/Microphone jack                                       |
| Peripheral Connectivity | • 2x USB 3.0 ports on the back panel  
                             • 2x USB 3.0 ports on the front panel  
                             • 2x Internal USB 2.0 via 2x9 header  
                             • Consumer Infrared sensor                                      |
| Storage   | • Supports mSATA (SSD) card via full-length PCIe Mini Card              |
| Networking| • Intel® 10/100/1000Mbps Network Connection  
            • Half-length PCIe* mini-card slot (for wireless card support)  |
| Additional Features | • 1x SATA3 data connector  
                           • 1x SATA power connector  
                           • Windows 8 & 8.1 Logo  
                           • Compatible with Linux (Linux Mint, Fedora, Ubuntu, OpenSUSE) and Windows 7  
                           • 12-19V DC Power Input (power adapter not included)  
                           • 12-24V DC Power input via internal power header  
                           • 3-year Advanced Warranty Replacement                        |
| Form Factor | • "4 x 4"                                                               |

<table>
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<th>SKU</th>
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<td>931573</td>
<td>10-pack bulk</td>
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</table>
Intel® NUC Kit DN2820FYKH (Forest Canyon)
Production Now

Target markets:
• Personal productivity
• Home theater
• Personal cloud

Building an home theater PC or personal cloud? The Intel® NUC with an Intel® Celeron® processor gives you control over your digital media. HDMI* video, an infrared sensor port, and internal 2.5-inch drive support will allow you to drive your home entertainment experience from the 4x4 form factor, so you can create a digital media center or personal cloud for your media files that fits in the palm of your hand. This Intel NUC also introduces the foundation for a new boot management capability that lets you choose the operating systems that work best for you via a user-friendly interface.

SKU | MM# | Description
--- | --- | ---
BOXDN2820FYKH0 | 933307 | Retail box
Target markets:
- Thin-client
- Digital signage
- Point-of-Sale
- Kiosk

This low-cost, low-power solution introduces many firsts to the Intel NUC form-factor: fanless thermal solution for the ultimate silence and reliability, onboard flash storage for small-footprint software solutions, internal flat panel display connectivity for built-in screens, VGA port for monitor compatibility in legacy installations, serial ports header for peripherals requiring the robustness of hardware handshaking, watchdog timer for resilient system availability, and also inter-integrated circuit (I²C) and pulse width modulation (PWM) signals for interfacing with sensors and other embedded devices enabling the Internet of Things. And with its three-year supply availability, the Intel NUC Kit DE3815TYKHE will be around to support long development and production ramp cycles.

**Intel® NUC Kit DE3815TYKHE**
(Thin Canyon)
Production Now

**Processor**
Intel® Atom™ Processor E3815 (1.46GHz Single Core, 512KB Cache, 5W TDP)

**Memory**
- DDR3L SODIMM
- 1.35V, 1333/1600 MHz (down clocked to 1066 MHz), 8GB maximum

**Graphics**
- Intel® HD Graphics (up to 400MHz)
- 1x HDMI 1.4a
- 1x eDP 1.3 (2-lane with backlight and adjustable voltage/timings)
- 1x VGA

**Audio**
- Multi-channel digital audio via HDMI interface
- Back panel headphone/microphone jack

**Peripheral Connectivity**
- 1x USB 3.0 port on the front panel
- 2x USB 2.0 ports on the back panel
- 3x Internal USB 2.0 ports (2x5 + 1x5 headers)

**Storage**
- 4GB eMMC storage device built-in
- Internal support for 2.5" HDD or SSD (up to 9.5mm thickness)

**Networking**
- 10/100/1000Mbps Network connection
- Half-length PCIe* mini-card slot and wireless antennas pre-assembled (for wireless card support)

**Enclosure**
- Metallic gray plastic ring with black sides
- Dimensions: 190mm x 116mm x 40mm

**Power Adapter**
- 12V, 36W wall-mount AC-DC power adapter (12-19V DC back panel power connector)
- Multi-country plugs (IEC types A/C/G/I)

**Additional Features**
- Fanless design
- Discrete Trusted Platform Module (TPM v1.2)
- Watchdog timer (hard-coded to board reset)
- Custom Solutions header (DMIC, AppLaunch GPIO, HDMI CEC, SMBus, I2C[0:1], PWM[0:1] w/5V buffers, 1.8/3.3/5V standby power)
- 2x Serial ports header (TXD/RXD/RTS/CTS, w/5V transceivers)
- 12-24V DC internal power header
- Compatible with Windows Embedded/Pro 8.1/8/7, Linux & ThinLinX
- Pre-validated as qualified hardware for Intel® IoT Gateway
- Vertical stand
- VESA mount bracket (75x75mm and 100x100mm compatible)
- Kensington lock support
- 3 year Product Life Cycle
- 3-year Advanced Warranty Replacement

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**SKU**
| BLKDE3815TYKH0E | 933135 | 5-pack bulk |

**Intel Confidential — Do Not Forward**
Target markets:
- Thin-client
- Digital signage
- Point-of-Sale
- Kiosk
- Your projects!

Designed for usages best addressed by 3rd party (or your own) chassis, this low-cost, low-power solution introduces many firsts to the Intel NUC family: fanless cooling for the ultimate silence and reliability, onboard flash storage for small-footprint software solutions, internal flat panel display connectivity for built-in screens, VGA header for monitor compatibility in legacy installations, serial ports header for peripherals requiring the robustness of hardware handshaking, watchdog timer for resilient system availability, and also inter-integrated circuit (I²C) and pulse width modulation (PWM) signals for interfacing with sensors and other embedded devices enabling the Internet of Things. And with its three-year supply availability, the Intel NUC Board DE3815TYBE will be around to support long development and production ramp cycles.
The Intel® NUC with a 3rd generation Intel® Core™ i5 vPro™ processor packs a wealth of features in a compact design, starting with Intel® vPro™ Technology to remotely manage your system. This Intel NUC provides a powerful engine to drive intelligent computing into small spaces. And with its three-year supply availability, the Intel NUC Kit DC53427HYE will be around to support long development and production ramp cycles.
Target markets:
• Digital signage
• Industrial
• Vending
• Your projects!

Designed for usages best addressed by 3rd party (or your own) chassis, this Intel® NUC with a 3rd generation Intel® Core™ i5 vPro™ processor packages a highly versatile computing solution in the smallest possible form factor. This Intel® NUC provides a wealth of features in a compact design, starting with Intel® vPro™ Technology to remotely manage intelligent computing solutions into small spaces. And with its three-year supply availability, the Intel NUC Board D53427RKE will be around to support long development and production ramp cycles.

Processor: Intel® Core™ i5-3427U vPro
(1.8GHz up to 2.8GHz Turbo Dual Core, 3MB Cache, 17W TDP)

Memory:
• Dual-channel DDR3 SODIMMs
• 1.5V, 1333/1600 MHz, 16GB maximum

Graphics:
• Intel® HD Graphics 4000
• 1x HDMI 1.4a
• 2x mini Display Port 1.1a

Audio:
• Up to 7.1 surround audio via HDMI interface
• 2x mini Display Port 1.2 with audio support

Peripheral Connectivity:
• 2x USB 2.0 ports on the back panel
• 1x USB 3.0 port on the front panel
• 2x Internal USB 2.0 via 2x5 header

Storage:
• Supports Mobile SATA (SSD) card via full-length PCIe Mini Card

Networking:
• Intel® 10/100/1000Mbps Network Connection
• Half-length PCIe* mini-card slot (for wireless card support)

Additional Features:
• Intel® vPro™ Technology
• Intel® AMT 8.0 Professional
• Discrete Trusted Platform Module
• Windows 8 Logo
• Compatible with Linux (Linux Mint, Fedora, Ubuntu, OpenSUSE) and Windows 7
• 19V DC Power Input (power adapter not included)
• 3 year Product Life Cycle
• 3-year Advanced Warranty Replacement

Form Factor:
• “4 x 4”

SKU | MM# | Description
--- | --- | ---
BLKD53427RKE | 927919 | 10-pack bulk
Target markets:
• Digital signage
• SMB

The original Intel® NUC with a 3rd generation Intel® Core™ i3 processor is a breakthrough in compact but impactful computing. Drive two digital displays at once with dual HDMI*. Get reliable connectivity through gigabit LAN. This Intel NUC provides a powerful engine to drive intelligent computing into small spaces, or anywhere else you can imagine. And with its three-year supply availability, the Intel NUC Kit DC53427HYE will be around to support long development and production ramp cycles.

**Intel® NUC Kit DC3217IYE (Ice Canyon)  
Production Now**

### Processor
- Intel® Core™ i3-3217U  
  (1.8GHz Dual Core, 3MB Cache, 17W TDP)

### Memory
- Dual-channel DDR3 SODIMMs
- 1.5V, 1333/1600 MHz, 16GB maximum

### Graphics
- Intel® HD Graphics 4000
- 2x HDMI 1.4a

### Audio
- Up to 7.1 surround audio via HDMI interface

### Peripheral Connectivity
- 2x USB 2.0 ports on the back panel
- 1x USB 2.0 port on the front panel
- 2x Internal USB 2.0 via 2x9 header

### Storage
- Internal support for mSATA SSD

### Networking
- Intel® 10/100/1000Mbps Network Connection
- Half-length PCIe* mini-card slot and wireless antennas pre-assembled (for wireless card support)

### Enclosure
- Black color
- Aluminum and Plastic
- Dimensions: 116.6mm x 112.0mm x 39.0mm

### Power Adapter
- 19V, 65W AC-DC power adapter (AC cord not included)

### Additional Features
- Windows 8 Logo
- Compatible with Linux (Linux Mint, Fedora, Ubuntu, OpenSUSE) and Windows 7
- VESA mount bracket (75x75mm and 100x100mm compatible)
- 3 year Product Life Cycle
- 3-year Advanced Warranty Replacement

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**SKU** | **MM#** | **Description**
--- | --- | ---
BOXDC3217IYE | 924222 | Retail box
BLKDC3217IYE | 930690 | 10-pack bulk
Target markets:
- Digital signage
- Industrial
- Vending
- Your projects!

Designed for usages best addressed by 3rd party (or your own) chassis, this original Intel® NUC with a 3rd generation Intel® Core™ i3 processor is a breakthrough in compact but impactful computing. Drive two digital displays at once with dual HDMI*. Get reliable connectivity through gigabit LAN. This Intel NUC provides a powerful engine to drive intelligent computing into small spaces. And with its three-year supply availability, the Intel NUC Board D33217GKE will be around to support long development and production ramp cycles.

### Processor
- Intel® Core™ i3-3217U
  - (1.8GHz Dual Core, 3MB Cache, 17W TDP)

### Memory
- Dual-channel DDR3 SODIMMs
  - 1.5V, 1333/1600 MHz, 16GB maximum

### Graphics
- Intel® HD Graphics 4000
  - 2x HDMI 1.4a

### Audio
- Up to 7.1 surround audio via HDMI interface

### Peripheral Connectivity
- 2x USB 2.0 ports on the back panel
- 1x USB 2.0 port on the front panel
- 2x Internal USB 2.0 via 2x5 header

### Storage
- Supports Mobile SATA (SSD) card via full-length PCIe Mini Card

### Networking
- Intel® 10/100/1000Mbps Network Connection
  - Half-length PCIe* mini-card slot (for wireless card support)

### Additional Features
- Windows 8 Logo
- Compatible with Linux (Linux Mint, Fedora, Ubuntu, OpenSUSE) and Windows 7
- 19V DC Power Input (power adapter not included)
- 3 year Product Life Cycle
- 3-year Advanced Warranty Replacement

### Form Factor
- "4 x 4"

### SKU | MM# | Description
--- | --- | ---
BLKD33217GKE | 924221 | 10-pack bulk
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Target markets:
- Digital signage
- SMB

The Intel® NUC with an Intel® Celeron® processor is a breakthrough in compact but impactful computing. Drive two digital displays at once with dual HDMI*. Get reliable connectivity through gigabit LAN. This Intel NUC provides a powerful engine to drive intelligent computing into small spaces, or anywhere else you can imagine. And with its three-year supply availability, the Intel NUC Kit DCCP847DYE will be around to support long development and production ramp cycles.

**Processor**
- Intel® Celeron® 847 (1.10GHz Dual Core, 2MB Cache, 17W TDP)

**Memory**
- Dual-channel DDR3 SODIMMs
- 1.5V, 1333/1600 MHz, 16GB maximum

**Graphics**
- Intel® HD Graphics 2000
- 2x HDMI 1.4a

**Audio**
- Up to 7.1 surround audio via HDMI interface

**Peripheral Connectivity**
- 2x USB 2.0 ports on the back panel
- 1x USB 2.0 port on the front panel
- 2x Internal USB 2.0 via 2x5 header

**Storage**
- Internal support for mSATA SSD

**Networking**
- Intel® 10/100/1000Mbps Network Connection
- Half-length PCIe® mini-card slot and wireless antennas pre-assembled (for wireless card support)

**Enclosure**
- Black with Dark Grey Top
- Aluminum and Plastic
- Dimensions : 116.6mm x 112.0mm x 39.0mm

**Power Adapter**
- 19V, 65W AC-DC power adapter (AC cord not included)

**Additional Features**
- Windows 8 Logo
- Compatible with Linux (Linux Mint, Fedora, Ubuntu, OpenSUSE) and Windows 7
- VESA mount bracket (75x75mm and 100x100mm compatible)
- Antennas for WIFI and Bluetooth pre-assembled for ease of deployment
- Integration Guide
- 3 year Product Life Cycle
- 3-year Advanced Warranty Replacement