Supported Operating Systems for Intel® NUC Products

**Note**
The Intel® Product Compatibility Tool lists non-Windows operating system versions that are reported as compatible by Intel NUC users. Intel hasn’t validated these operating systems. We recommend you use the latest kernel.

If you need assistance with Linux® on an Intel NUC, check our Linux® Support for Intel® NUC article or your distributor’s website and forums for peer assistance.

<table>
<thead>
<tr>
<th>Family</th>
<th>SKUs Click to find downloads</th>
<th>Supported Operating Systems</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUC10i7FN</td>
<td>NUC10i7FNHAA, NUC10i7FNHJA,</td>
<td>Windows® 10, 64-bit*</td>
<td></td>
</tr>
<tr>
<td>NUC10i5FN</td>
<td>NUC10i7FNKPA, NUC10i7FNHC,</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUC10i3FN</td>
<td>NUC10i7FNK, NUC10i7FNH,</td>
<td></td>
<td>Windows® 10 Home is pre-installed on:</td>
</tr>
<tr>
<td></td>
<td>NUC10i5FNHCA, NUC10i5FNHJA,</td>
<td></td>
<td>• NUC10i7FNHAA</td>
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<td>NUC10i5FNKPA, NUC10i5FNHJ,</td>
<td></td>
<td>• NUC10i7FNHJA</td>
</tr>
<tr>
<td></td>
<td>NUC10i5FNKP, NUC10i5FNHF,</td>
<td></td>
<td>• NUC10i5FNKPA</td>
</tr>
<tr>
<td></td>
<td>NUC10i5FNH, NUC10i5FNK</td>
<td></td>
<td>• NUC10i5FNHCA</td>
</tr>
<tr>
<td>NUC9xxQN</td>
<td>NUC9VXQNX, NUC9V7QNX,</td>
<td>Windows® 10, 64-bit</td>
<td></td>
</tr>
<tr>
<td></td>
<td>NUC9i9QNX, NUC9i7QNX,</td>
<td>Windows® Server 2016</td>
<td></td>
</tr>
<tr>
<td></td>
<td>NUC9i5QNX</td>
<td>Ubuntu 16.04 LTS*</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>VMWare ESX*</td>
<td></td>
</tr>
<tr>
<td>Processor Model</td>
<td>System Models</td>
<td>Operating Systems Supported</td>
<td></td>
</tr>
<tr>
<td>-----------------</td>
<td>---------------</td>
<td>-----------------------------</td>
<td></td>
</tr>
</tbody>
</table>
| NUC8v7PN NUC8v5PN NUC8i3PN | NUC8v7PNH, NUC8v7PNK, NUC8v7PNB NUC8v5PNH, NUC8v5PNK, NUC8v5PNB NUC8i3PNH, NUC8i3PNK, NUC8i3PNB | • Windows® 10, 64-bit  
• Windows® 10 IoT Enterprise*  
• Windows® Server 2019*  
• Ubuntu 18.04 LTS* |
| NUC8i7IN NUC8i5IN | NUC8i7INHJA NUC8i7INHPA NUC8i7INHX NUC8i7INHZ NUC8i7INHP NUC8i5INHJA NUC8i5INHPA NUC8i5INHX NUC8i5INHP | Windows® 10, 64-bit  
Windows® 10 Home is pre-installed on:  
• NUC8i7INHJA  
• NUC8i7INHPA  
• NUC8i5INHJA  
• NUC8i5INHPA |
| NUC8i7HV NUC8i7HN | NUC8i7HNK, NUC8i7HNKQC NUC8i7HV, NUC8i7HVKVA, NUC8i7HVKVAW | • Windows® 10, 64-bit  
• Windows® Server 2016  
Windows® 10 Home is pre-installed on:  
• NUC8i7HVKVA  
• NUC8i7HVKVAW  
• NUC8i7HNKQC  
Support for Server OS is limited:  
• Bluetooth*, Serial IO, Infrared, USB Type C Power Delivery Controller, and Thunderbolt™ aren’t supported in the Server OS.  
• For the Radeon* Graphics to work properly, you must use Windows® 10 Version 1709 (RS3) or higher. |
| NUC8CCH | NUC8CCHKR NUC8CCHB | • Windows® 10, 64-bit  
• Windows® 10 IoT Enterprise, 64-bit  
• Ubuntu 18.04 LTS |
<table>
<thead>
<tr>
<th>System Code</th>
<th>Supported Models</th>
<th>Operating System Supported</th>
<th>Pre-Installed OSes</th>
</tr>
</thead>
</table>
| NUC8i7BE    | NUC8i7BEH, NUC8i7BEK, NUC8i7BEKQA, NUC8i7BEHGA, NUC8i5BEK, NUC8i5BEKPA, NUC8i5BEHFA, NUC8i3BEH, NUC8i3BEK, NUC8i3BEHFA | Windows 10, 64-bit | Windows® 10 Home 64-bit is pre-installed on:  
  - NUC8i7BEKQA  
  - NUC8i7BEHGA  
  - NUC8i5BEKPA  
  - NUC8i5BEHFA  
  - NUC8i3BEHFA |
| NUC8i5BE    | NUC8i5BEK, NUC8i5BEKPA, NUC8i5BEHFA, NUC8i3BEH, NUC8i3BEK, NUC8i3BEHFA | Windows 10, 64-bit |  

| NUC8i3BE    | NUC8i3BEH, NUC8i3BEK, NUC8i3BEHFA | Windows 10, 64-bit | Windows® 10 Home 64-bit is pre-installed on:  
  - NUC8i3BEKQA  
  - NUC8i3BEHGA  
  - NUC8i5BEKPA  
  - NUC8i5BEHFA  
  - NUC8i3BEHFA |
| NUC8i3CY    | NUC8i3CYSM, NUC8i3CYSN | Windows® 10 Home, 64-bit (pre-installed) |  

| NUC7i7DN    | NUC7i7DNKE, NUC7i7DNBE, NUC7i7DNHE, NUC7i5DNKPC, NUC7i5DNKPU, NUC7i5DNKE, NUC7i5DNHE, NUC7i5DNBE, NUC7i3DNKTC, NUC7i3DNHNC, NUC7i3DNKE, NUC7i3DNHE, NUC7i3DNBE | Windows® 10, 64-bit | Windows® 10 Home 64-bit is pre-installed on:  
  - NUC7i5DNKPC  
  - NUC7i5DNKPU  
  - NUC7i3DNKTC  
  - NUC7i3DNHNC |
| NUC7i5DN    | NUC7i5DNKPC, NUC7i5DNKPU, NUC7i5DNKE, NUC7i5DNHE, NUC7i5DNBE |  

| NUC7i3DN    | NUC7i3DNKTC, NUC7i3DNHNC, NUC7i3DNKE, NUC7i3DNHE, NUC7i3DNBE | Windows® 10, 64-bit |  

| NUC7i7BN    | NUC7i7BNH, NUC7i7BNHX1, NUC7i7BNHXG, NUC7i7BNKQ, NUC7i5BNK, NUC7i5BNH, NUC7i5BNHX1, NUC7i5BNHXF, NUC7i5BNKP, NUC7i3BNK, NUC7i3BNH, NUC7i3BNHX1, NUC7i3BNHXF | Windows® 10, 64-bit | Windows® 10 Home is installed on:  
  - NUC7i7BNHXG  
  - NUC7i7BNKQ  
  - NUC7i5BNHXF  
  - NUC7i5BNKP  
  - NUC7i3BNHXF |
| NUC7i5BN    | NUC7i5BNK, NUC7i5BNH, NUC7i5BNHX1, NUC7i5BNHXF, NUC7i5BNKP |  

| NUC7i3BN    | NUC7i3BNK, NUC7i3BNH, NUC7i3BNHX1, NUC7i3BNHXF |  

- Windows® 10, 64-bit
- Windows Server 2016
- Windows 10® IoT Enterprise
- Certified by Canonical on Ubuntu 16.04 LTS.  

- UEFI Boot is required to install Windows 10 - this is set by default in BIOS Setup. Using Legacy Boot results in multiple errors in Device Manager.  
- Thunderbolt™ is supported only on the i5 and i7 versions only.  
- Windows® 10 Home is installed on:  
  - NUC7i7BNHXG  
  - NUC7i7BNKQ  
  - NUC7i5BNHXF  
  - NUC7i5BNKP  
  - NUC7i3BNHXF
## Supported Operating Systems for Intel® NUC – March 2020

| NUC7xJY   | NUC7PJYH  | NUC7CJYH, NUC7CJYSAL | - Windows® 10, 64-bit  
|           |           |                      | - Certified by Canonical on Ubuntu 16.04 LTS.  
|           |           |                      | - UEFI Boot is required to install Windows 10 - this is set by default in BIOS Setup. Using Legacy Boot results in multiple errors in Device Manager.  
|           |           |                      | - Windows® 10 Home, 64-bit - or - Windows 10 Home in S Mode pre-installed on NUC7CJYSAL  
| NUC6CAY   | NUC6CAYH  |                      | - Windows® 10, 64-bit  
|           | NUC6CAYS  |                      | - UEFI Boot is required to install Windows 10 - this is set by default in BIOS Setup. Using Legacy Boot results in multiple errors in Device Manager.  
|           |           |                      | - Windows® 10 Home, 64-bit - or - Windows 10 Home in S Mode pre-installed on NUC6CAYSAL  
| NUC5PGY   | NUC5PGYH  |                      | - Windows® 10 Home, 64-bit (pre-installed)  
| NUC6i7KY  | NUC6i7KYK |                      | - Windows 10, 64-bit  
|           |           |                      | - Windows 8.1, 64-bit*  
|           |           |                      | - Windows 7, 64-bit*  
|           |           |                      | - Windows Server 2012 R2*, 64-bit  
|           |           |                      | Intel® drivers with older operating systems (Windows 7, Windows 8*/8.1*) that Microsoft discontinued or doesn’t fully support are considered as-is with respect to:  
|           |           |                      | - Features, Function, Debugging  
|           |           |                      | - Usability with recently released Intel® NUC products  
|           |           |                      | - Intel no longer provides updated drivers for them.  
|           |           |                      | Support for Server OS is limited:  
|           |           |                      | - Bluetooth*, Wireless, RAID, and Thunderbolt™ aren’t supported in the Server OS.  
|           |           |                      | If you're installing Windows 7, see Installing Windows 7 on Computers with USB 3.0 for installation information.  

*Windows 8*/8.1*
## Supported Operating Systems for Intel® NUC – March 2020

| NUC6i5SY, NUC6i3SYK, NUC6i3SYH | • Windows 10, 64-bit  
| NUC6i5SYK, NUC6i3SYH | • Windows 8.1, 64-bit  
| NUC6i5SYK, NUC6i3SYH | • Windows 7, 64-bit  
| Intel® drivers with older operating systems (Windows 7, Windows 8*/8.1*) that Microsoft discontinued or doesn't fully support are considered as-is with respect to:  
| • Features, Function, Debugging  
| • Usability with recently released Intel® NUC products  
| • Intel no longer provides updated drivers for them.  
| Support for Windows 7 is limited:  
| • See Installing Windows 7 on Computers with USB 3.0 for operating system installation information.  
| • Some subsystems don't have Windows 7 drivers available.  
| • The SD card is disabled when Windows 7 is selected in BIOS Setup.  

| NUC5xPY, NUC5CPYH, NUC5PPYH | • Windows 10, 64-bit  
| NUC5CPYH, NUC5PPYH | • Windows 8.1, 64-bit  
| NUC5PPYH | • Windows 7, 64-bit  
| Intel® drivers with older operating systems (Windows 7, Windows 8*/8.1*) that Microsoft discontinued or doesn't fully support are considered as-is with respect to:  
| • Features, Function, Debugging  
| • Usability with recently released Intel® NUC products  
| • Intel no longer provides updated drivers for them.  
| Support for Windows 7 is limited:  
| • See Installing Windows 7 on Computers with USB 3.0 for operating system installation information.  
| • Some subsystems don't have Windows 7 drivers available.  
| • The SD card is disabled when Windows 7 is selected in BIOS Setup.
## Supported Operating Systems for Intel® NUC – March 2020

<table>
<thead>
<tr>
<th>NUC5i7RY</th>
<th>NUC5i5RY</th>
<th>NUC5i3RY</th>
<th>Operating Systems</th>
<th>Intel® drivers with older operating systems (Windows 7, Windows 8*/8.1*) that Microsoft discontinued or doesn't fully support are considered as-is with respect to:</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUC5i7RYH</td>
<td>NUC5i5RYH, NUC5i5RYHS, NUC5i5RYK</td>
<td>NUC5i3RYH, NUC5i3RYK, NUC5i3RYHS, NUC5i3RYHSN</td>
<td>• Windows 10®, 32-bit* and 64-bit &lt;br&gt;• Windows 8.1, 32-bit* and 64-bit &lt;br&gt;• Windows 7, 32-bit* and 64-bit</td>
<td>• Features, Function, Debugging  &lt;br&gt;• Usability with recently released Intel® NUC products &lt;br&gt;• Intel no longer provides updated drivers for them.</td>
</tr>
<tr>
<td>NUC5i5MY</td>
<td>NUC5i5MYHE, NUC5i5MYBE</td>
<td></td>
<td>• Windows 10®, 32-bit and 64-bit &lt;br&gt;• Windows 8.1*, 32-bit and 64-bit &lt;br&gt;• Windows 7*, 32-bit and 64-bit &lt;br&gt;• Windows Embedded 8.1 Industry* &lt;br&gt;• Windows Embedded Standard 7* &lt;br&gt;• Windows Server 2012 R2*, 64-bit &lt;br&gt;• Windows Server 2008 R2*, 64-bit</td>
<td>Intel® drivers with older operating systems (Windows 7, Windows 8*/8.1*) that Microsoft discontinued or doesn't fully support are considered as-is with respect to: &lt;br&gt;• Features, Function, Debugging  &lt;br&gt;• Usability with recently released Intel® NUC products &lt;br&gt;• Intel no longer provides updated drivers for them.</td>
</tr>
</tbody>
</table>

Support for 32-bit OS is limited:  
• Graphics: no Windows 10 32-bit drivers are available  
• Serial IO: no Windows 8.1 or Windows 10 32-bit drivers are available  
• Smart Connect: no Windows 8.1 or Windows 10 32-bit drivers are available

Support for Server OS is limited:  
• Graphics, Trusted Platform Module, Intel® Rapid Storage Technology, Intel® Rapid Start Technology, and Intel® Smart Connect Technology aren't supported in the Server OSs.
## Supported Operating Systems for Intel® NUC – March 2020

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
</table>
| NUC5i3MY | **NUC5i3MYHE, NUC5i3MYBE**                                                  | - Windows 10®, 32-bit and 64-bit  
- Windows 8.1®, 32-bit and 64-bit  
- Windows 7®, 32-bit and 64-bit  
- Windows Embedded 8.1 Industry*  
- Windows Embedded Standard 7*   | Intel® drivers with older operating systems (Windows 7, Windows 8*/8.1*) that Microsoft discontinued or doesn't fully support are considered as-is with respect to:  
- Features, Function, Debugging  
- Usability with recently released Intel® NUC products  
- Intel no longer provides updated drivers for them.  

Support for 32-bit OS is limited:  
- Graphics: no Windows 10 32-bit drivers are available  
- Serial IO: no Windows 8.1 or Windows 10 32-bit drivers are available  
- Smart Connect: no Windows 8.1 or Windows 10 32-bit drivers are available |
| DE3815TY | **DE3815TYKHE, DE3815TYBE**                                                 | - Windows 10, 64-bit only  
- Windows 10® IoT Enterprise, 64-bit only  
- Windows 8.1®, 32-bit and 64-bit (as-is)  
- Windows 8®, 32-bit and 64-bit (as-is)  
- Windows 7®, 32-bit and 64-bit  
- Windows Embedded 8 Standard*  
- Windows Embedded 8.1 Industry*  
- Windows Embedded Standard 7*   | Intel® drivers with older operating systems (Windows 7, Windows 8*/8.1*) that Microsoft discontinued or doesn't fully support are considered as-is with respect to:  
- Features, Function, Debugging  
- Usability with recently released Intel® NUC products  
- Intel no longer provides updated drivers for them.  

Update this Intel NUC model to **BIOS version 0030 or later** before installing any Intel® processor I/O controller drivers. This update eliminates any errors that can display in Device Manager on I/O controller devices.  

See **Installation issues with Windows 8* and Windows 8.1* for limitations with these operating systems.**  

The **eMMC embedded storage** can be used for small-footprint operating systems, as typically used for thin-client, and light-embedded applications. Check your OS minimum requirements before trying to install an OS to this device. |
<table>
<thead>
<tr>
<th>Model</th>
<th>Supported Operating Systems</th>
<th>Intel® drivers with older operating systems (Windows 7, Windows 8*/8.1*) that Microsoft discontinued or doesn't fully support are considered as-is with respect to:</th>
</tr>
</thead>
<tbody>
<tr>
<td>D54250WYD34010WY</td>
<td>Windows® 10, 32-bit and 64-bit, Windows 8.1*, 32-bit and 64-bit, Windows 8*, 32-bit and 64-bit, Windows 7*, 32-bit and 64-bit</td>
<td>Intel® drivers with older operating systems (Windows 7, Windows 8*/8.1*) that Microsoft discontinued or doesn't fully support are considered as-is with respect to: Features, Function, Debugging, Usability with recently released Intel® NUC products, Intel no longer provides updated drivers for them.</td>
</tr>
<tr>
<td>DC53427HYD53427RK</td>
<td>Windows 8.1*, 32-bit and 64-bit, Windows 8*, 32-bit and 64-bit, Windows 7*, 32-bit and 64-bit, Windows Server 2012 R2*, 64-bit, Windows Server 2008 R2*, 64-bit</td>
<td>Intel® drivers with older operating systems (Windows 7, Windows 8*/8.1*) that Microsoft discontinued or doesn't fully support are considered as-is with respect to: Features, Function, Debugging, Usability with recently released Intel® NUC products, Intel no longer provides updated drivers for them.</td>
</tr>
</tbody>
</table>

Support for 32-bit OS is limited:
- Graphics: no Windows 10 32-bit drivers are available.

Support for Server OS is limited:
## Supported Operating Systems for Intel® NUC – March 2020

<table>
<thead>
<tr>
<th>Model Code</th>
<th>Description</th>
<th>Intel® drivers with older operating systems (Windows 7, Windows 8*/8.1*) that Microsoft discontinued or doesn’t fully support are considered as-is with respect to:</th>
</tr>
</thead>
</table>
| DCCP847DY  | DCCP847DYE  | • Features, Function, Debugging  
• Usability with recently released Intel® NUC products  
• Intel no longer provides updated drivers for them. |
| DCP847SK   | DCP847SKE   | • Windows 8.1*, 32-bit and 64-bit  
• Windows 8*, 32-bit and 64-bit  
• Windows 7*, 32-bit and 64-bit  
• Windows XP Home Edition*  
• Windows XP Media Center Edition*  
• Windows XP Professional*  
• Windows XP Professional x64 Edition* |
| DC3217IY  | DC3217IYE  | Intel® drivers with older operating systems (Windows 7, Windows 8*/8.1*) that Microsoft discontinued or doesn’t fully support are considered as-is with respect to: |
| D33217GK | D33217GKE | • Features, Function, Debugging  
• Usability with recently released Intel® NUC products  
• Intel no longer provides updated drivers for them. |
| DC3217BY  | DC3217BYE  | • Windows 8.1*, 32-bit and 64-bit  
• Windows 8*, 32-bit and 64-bit  
• Windows 7*, 32-bit and 64-bit  
• Windows XP Home Edition*  
• Windows XP Media Center Edition*  
• Windows XP Professional*  
• Windows XP Professional x64 Edition* |
| D33217CK | D33217CKE | • Windows 8.1*, 32-bit and 64-bit  
• Windows 8*, 32-bit and 64-bit  
• Windows 7*, 32-bit and 64-bit  
• Windows XP Home Edition*  
• Windows XP Media Center Edition*  
• Windows XP Professional*  
• Windows XP Professional x64 Edition* |

**Related topics**

- [OS installation for Intel NUC](#)
- [Troubleshooting Operating System Issues](#)
- [Microsoft Windows® 10 S Compatibility](#)
- [Linux* Support for Intel® NUC](#)