



NUC Tested Components and Peripherals List

30 December 2016

This is neither a complete nor a comprehensive list of all tested peripherals and components. It is continually updated with Intel®-tested, vendor / third-party tested, and customer-reported peripherals and components.

Typically, components of different capacities from the same product family, line, or series, would also be compatible.

This version of the list applies to all NUCs. Reader is encouraged to take note which tested components and peripherals apply to their NUC, based on its supported technology standard, speed, or maximum capacity.

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1. RAM – DDR3 SODIMMs

Please refer to your NUC's Product Brief for details on supported memory standard, capacity, and speed.

NUC6CAYS and NUC6CAYH require memory modules of 4Gb density (not capacity) or higher. Modules of 1Gb and 2Gb density are not supported. Module Density = [Module Capacity x 8] / [# of chips]

| Module Manufacturer | Module Part Number | Module size | Module Speed (MHz) |
|---------------------|---------------------|-------------|--------------------|
| Centon | M1052.01 | 8 GB | 1600 |
| Corsair | CMSX16GX3M2A1600C10 | 8 GB | 1600 |
| Crucial | CT102464BF160B | 8 GB | 1600 |
| Crucial | CT25664BF1339 | 2 GB | 1333 |
| Crucial | CT2C4GS160BM | 4 GB | 1600 |
| Crucial | CT2CP51264BF160B | 8 GB | 1600 |
| Crucial | CT2KIT51264BC1339 | 8 GB | 1333 |
| Crucial | CT51264BF1339 | 4 GB | 1333 |
| Crucial | CT25664BF160B | 2 GB | 1600 |
| Crucial | CT51264BF160B | 4 GB | 1600 |
| Crucial | CT51264BF160BJ | 4 GB | 1600 |
| G.SKILL | F3-10600CL9D-8GBSQ | 4 GB | 1333 |
| G.SKILL | F3-12800CL9D-8GBSQ | 4 GB | 1600 |
| G.SKILL | F3-1600C10D-16GSQ | 8 GB | 1600 |
| G.SKILL | F3-1600C11D-16GSL | 8 GB | 1600 |
| G.SKILL | N82E16820231582 | 8 GB | 1600 |
| Patriot | PSD38G1600L2S | 8 GB | 1600 |
| Samsung | MV-3T4G3DUS | 4 GB | 1600 |
| Kingston | HX316LS9IB4 | 4 GB | 1600 |
| Kingston | HX316LS9IBK2/8 | 4 GB | 1600 |
| Winten | WT-SD1600 | 8 GB | 1600 |

Tested as Not Compatible:

| Module Manufacturer | Module Part Number | Module size | Module Speed (MHz) |
|---------------------|--------------------|-------------|--------------------|
| Century Micro | CD8G-SOD3LU1600 | 8 GB | 1600 |
| Corsair | CMSO8GX3M2A1333C9 | 8 GB | 1333 |

2. Storage – M.2 PCIe SSDs

| Manufacturer | Description | Model number |
|--------------|---|---|
| Intel | 6000p 128GB 6000p 256GB 6000p 360GB 6000p 512GB 6000p 1TB | SSDPEKKF128G7X1 SSDPEKKF256G7X1 SSDPEKKF360G7X1 SSDPEKKF512G7X1 SSDPEKKF010T7X1 |
| Intel | 600p 128GB 600p 256GB 600p 512GB 600p 1TB | SSDPEKKW128G7X1 SSDPEKKW256G7X1 SSDPEKKW512G7X1 SSDPEKKW010T7X1 |
| Samsung | 950 Pro 512GB | MZ-V5P512BW |
| Samsung | SM951 256GB (AHCI) SM951 256GB (NVMe) | MZHPV256HDGL-00000 MZVPV256HDGL-00000 |
| Samsung | XP941 | MZHPU256HCGL-00000 |
| Toshiba | M.2 256GB | THNSN5256GPU7 |

3. Storage – M.2 SATA SSDs

| Manufacturer | Description | Model number |
|--------------|------------------------|---------------------------------------|
| Crucial | M.2 128 GB | CT128M550SSD4 |
| Crucial | M.2 256 GB | CT256M550SSD4 |
| Intel® | M.2 530 Series | SSDSCKGW080A4 |
| Intel | M.2 120 GB 535 Series | SSDSCKJW120H6 |
| Intel | M.2 240 GB 2500 Series | SSDSCKJF240A5 |
| Intel | M.2 1 TB 540 Series | SSDSCKKW010X6X1 |
| Intel® | E 5400s Series | SSDSCKKR180H6XN |
| Intel® | Pro 5400s Series | SSDSCKKF480H6X1 |
| Kingston | M.2 480GB | SM2280G2S3 |
| Mushkin | M.2 120 GB | MKNSSDAV120GB-D8 |
| Samsung | M.2 850 EVO Series | MZ-N5E250BW, MZ-N5E500BW, MZ-N5E120BW |
| SanDisk | M.2 128 GB | Z400S |
| SanDisk | M.2 128 GB | X300 |
| SanDisk | M.2 250 GB | X400 |
| SanDisk | M.2 128 GB | X300s |
| Transcend | M.2 128 GB | MTS400 |
| Transcend | M.2 512 GB | TS512GMTS800 |
| Transcend | M.2 512 GB | MTS400 |
| Transcend | 512 GB SATA III MTS600 | TS512GMTS600 |

4. Storage – 2.5” SATA Drives

| Manufacturer | Description | Model number |
|-------------------|-----------------------|---|
| Crucial | M500 Series SSD | CT 480M500SSD1 |
| Intel® | SSD 530 Series | SSDSC2BW080A401 |
| Intel | 120 GB SSD 535 Series | SSDSC2BW120H6 |
| Intel | 240 GB SSD 535 Series | SSDSC2BW240H6 |
| Intel | 480 GB SSD 535 Series | SSDSC2BW480H6 |
| Intel® | 540 Series | SSDSC2KW010X6X1 |
| Intel | E 5400s Series | SSDSC2KR180H6XN |
| Intel | Pro 5400s Series | SSDSC2KF480H6X1 |
| Intel | E 5410s Series | SSDSC2BB120G6XA |
| Kingston | 120GB SSDNow V300 | SV300S37A/120G |
| OCZ | ARC 100 Series SSD | ARC100-25SAT3-120G, ARC100-25SAT3-240G, ARC100-25SAT3-480G |
| OCZ | Vector Series | VTR1-25SAT3-128G, VTR150-25SAT3-240G |
| OCZ | Vertex Series | VTX450-25SAT3-256G, VTX460-25SAT3-240G |
| Samsung | 840 EVO | MZ-7TE250 |
| Samsung | 840 Pro | MZ-7PD512 |
| Samsung | 850 EVO | MZ-75E1T0B/AM, MZ-75E2T0B/AM, MZ-75E500B/AM, MZ-75E250B/AM, MZ-75E120B/AM |
| Samsung | 850 Pro | MZ-7KE2T0BW, MZ-7KE1T0BW, MZ-7KE512BW, MZ-7KE256BW, MZ-7KE128BW |
| SanDisk | 128 GB SSD | Aphrodite II-Z400s |
| SanDisk | 240 GB SSD | Ultra II |
| SanDisk | 240 GB SSD | Extreme Pro |
| SanDisk | 256 GB SSD | X400 |
| SanDisk | 240 GB SSD | Z410 |
| SanDisk | 120 GB SSD | SSD Plus |
| SanDisk | Extreme II SSD | SDSSDXP-480G-G25 |
| SanDisk | X210 SSD | SD6SB2M-512G-1022I |
| Seagate (Samsung) | Momentus (Spinpoint) | ST1000LM035, ST1500LM006, ST2000LM003, ST2000LM007 |
| Silicon Power | 240GB SSD | S55 |
| Transcend | 1TB SSD370 | TS1TSSD370S |

| | | |
|-----------------|---|--|
| Western Digital | WD Black ² 2.5" 120GB SSD/ 1TB | WD1001X06XDTL |
| Western Digital | 2.5" SATA Hard Drive | WD10JPLX, WD10JPVX, WD5000LPCX, WD5000LPLX, WD3200BEKX, WD7500BPKX, WD10SPCX, WD5000LPVX |
| Western Digital | Solid State Hybrid Drive (SSHD) | WD10J31X, WD10J22X, WD10S22X |

5. Thunderbolt™ Devices

| Manufacturer | Description | Model Number |
|--------------|--|-------------------|
| Akitio | External Dual Bay Storage Enclosure | Thunder3 Duo Pro |
| Akitio | External Drive with Intel® 750 Series PCIe Drive | Thunder3 PCIe SSD |
| Razer | External Graphics Dock | Core |
| Startech | Thunderbolt™ 3 to Thunderbolt Adapter | TBT3TBTADAP |
| Plugable | Thunderbolt™ 3 Docking Station | TBT3-UD1 |
| Apple | Thunderbolt™ to Gigabit Ethernet Adapter | MD463 |

6. USB-C™ Cables and Devices

| Manufacturer | Description | Model Number |
|--------------|---|--------------|
| Plugable | USB C Docking Station with Power Delivery/Charging | UD-CA1 |
| Plugable | USB C To Displayport adapter | USBC-DP |
| Plugable | USB C to HDMI 2.0 adapter | USBC-DP |
| Plugable | USB C to DVI adapter | USBC-DVI |
| Plugable | USB 3.1 (Gen2) USB C to SATA Hard Drive Dock | USBC-SATA-V |
| Plugable | USB 3.1 (Gen2) USB C to SATA adapter | USBC-SATA24 |
| Plugable | USB C Triple Display Docking Station (with PD Charging) | UD-ULTCDL |

7. USB Cables and Devices

| Manufacturer | Description | Model Number |
|--------------------|---|-----------------|
| Corsair | Flash Voyager GTX USB 3.0 256GB | CMFVYGTX3-256GB |
| Encore Electronics | 3-port USB hub with Ethernet adapter | ENUET-3USB |
| Leap Motion Inc. | Leap Motion Controller | LM-010 |
| Lite-On | 8x External DVD Writer | ENAU108-111 |
| Plugable | USB 2.0 flash memory card reader | USB2-CARDRAM3 |
| Plugable | USB C (USB 3.0) Multi-Card Reader | USBC-FLASH3 |
| Plugable | USB C (USB 3.0) to VGA Adapter | USBC-VGA |
| Plugable | USB C (USB 3.0) to USB A Female | USBC-AF3 |
| Sabrent | 2-port USB 2.0 Hub and Gigabit Ethernet adapter | NT-HBGG |
| Sandisk | Cruzer Fit 8GB USB 2.0 flash drive | SDCZ33-008G-B35 |
| Sandisk | Cruzer Fit 16GB USB flash drive | SDCZ33-016G-B35 |
| Seagate | Expansion 2TB desktop external hard drive USB 3.0 | STBV2000100 |
| Startech | 4-Port USB C (USB 3.0) to USB 3.0 (3 ports), and USB C (1 port) Adapter | HB30C3A1CFS |
| Startech | 4-Port USB 3.0 Hub | ST43004UA |
| Startech | USB C to USB B (USB 2.0) Cable | USB2CB1M |
| Startech | USB C to USB A (USB 3.0) Cable | USB31CAADP |
| Thermaltake | 5G 5.0Gbps USB 3.0 SATA Hard Drive Docking Station | ST0019U |
| Plugable | Plugable USB 2.0 Ethernet Adapter | USB2-E1000 |

8. Storage – mSATA SSDs

| Manufacturer | Description | Model number |
|--------------|----------------------------------|-----------------|
| ADATA | mSATA 256GB 6Gb/s | SX300 |
| ADATA | Premier Pro SATA 6Gb/s mSATA SSD | ASP310S3-64GM-C |
| Crucial | m4 mSATA 64GB | CT064M4SSD3 |
| Crucial | m4 mSATA 120GB | CT120M500SSD3 |
| Crucial | m4 mSATA 128GB | CT128M4SSD3 |

| | | |
|--------------|---------------------------------------|------------------|
| Crucial | m4 mSATA 256GB | CT256M4SSD3 |
| Crucial | mSATA 240GB | CT240M500SSD3 |
| InnoDisk | InnoLite mSATA D150Q 8GB | DRPS-08GJ30AC1DN |
| Intel® | 530 Series | SSDMCEAW080A401 |
| Mushkin | Atlas mSATA 60GB | MKNSSDAT60GB-DX |
| Mushkin | Atlas mSATA 120GB | MKNSSDAT120GB-DX |
| Mushkin | Atlas mSATA 480GB | MKNSSDAT480GB |
| MyDigitalSSD | 256GB BP3 Bullet Proof 3 mSATA III 6G | MDMS-BP3-256 |
| MyDigitalSSD | 60GB BP4 Bullet Proof 4 mSATA III 6G | MDMS-BP4-060 |
| Plextor | 64GB mSATA | PX-64M5M |
| Plextor | 128GB mSATA | PX-128M5M |
| Plextor | 256GB mSATA | PX-256M5M |
| Samsung | 840 Evo 250GB mSATA | N82E16820147316 |
| Toshiba | 128GB mSATA | |

9. Displays

| Manufacturer | Description | Model Number |
|----------------|--|---------------------------------|
| Acer | 19.5" and 21.5" LCDs with 10-point Capacitive touch | FT200HQL bmjj FT2200HQL bmjj |
| Acer | 27-inch 4K Monitor (DVI, HDMI) | S277HK wmidpp |
| Acer | 32-inch 4K Monitor | B326HK |
| Asus | 32-inch 4K Monitor (2 HDMI, Mini DisplayPort, DisplayPort) | PA328Q |
| Chimei | 55-inch 4K TV (3 HDMI, Component) | TL-55W760 |
| Dell | 34-inch 4K Curved Monitor (HDMI, Mini DisplayPort, DisplayPort, DisplayPort out) | U3415W |
| Dell | Dell UltraSharp 32 Ultra HD 4K Monitor | UP3216Q |
| Samsung | 40-inch 4K TV (4 HDMI, Component, Composite) | UN40JU6500 |
| Acer | 23" Touch LCD (HDMI, DVI, VGA) | T232HL bmidz |
| Acer | 23-Inch (1920 x 1080) Touchscreen Widescreen Monitor | T232HL Abmjzz |
| CTL | 22" LED Widescreen (HDMI, DVI, VGA inputs) | MTLP2151 |
| Dell | 24" Ultrasharp (HDMI, DVI-D, VGA, DisplayPort inputs) | U2410 WUXGA |
| Dell | 23" Touchscreen monitor | S2340T |
| Dell | 23" Touchscreen monitor | P2314T |
| Hyundai* | 46-inch 3D LCD monitor | S465D |
| LG Electronics | 34" LED monitor | 34UC87C |
| Mimo | Mimo Monitors Open Frame LCDs | UM-760C-OF UM-1080C-OF |
| Mimo | Mimo Monitors 10" LCD | UM-1080CH |
| Planar | 22" touchscreen monitor | PCT2265 |
| Planar | Helium 27" Multi-touch | PCT2785 |
| Samsung | 52-inch LCD HDTV | LN-T5265F |
| Sharp | 60-inch LCD Monitor (HDMI, VGA) | PN-E602 |
| Sony | 32-inch Widescreen HD Ready LCD TV | LG 32LX2R |
| Sony | 40-inch 3D LCD TV | KDL-40NX710 |
| Sony | 46-inch 3d-Ready LED HDTV | KDL-46HX800 |
| Viewsonic | 23" LED-lit 10-point Touch HDMI, DisplayPort, VGA inputs) | TD2340 |
| Viewsonic | 24" LED Widescreen (DVI, VGA inputs) | VA2448M-LED |
| Acer | 23" Touch LCD (HDMI, DVI, VGA) | T232HL bmidz |
| Acer | 23-Inch (1920 x 1080) Touchscreen Widescreen Monitor | T232HL Abmjzz |

10. Mice, Keyboards, and Game Controllers

| Manufacturer | Description | Model Number |
|--------------|-------------|---|
| Logitech | Keyboards | K120, K260, K360, K400, K400R, K520, K810, K830, MK520, TK820 |

| | | |
|------------|---|---|
| Logitech | Mouse | Anywhere Mouse MX, Performance Mouse MX, M325, M600 |
| Logitech | Joystick | Extreme 3D Pro |
| Logitech | Optical Combo Mouse | B120 |
| Logitech | Wireless Desktop (keyboard and mouse) | MK320 |
| Logitech | Wireless Desktop (keyboard and mouse) | MK520R |
| Logitech | diNovo Mini Bluetooth keyboard | Y-RBG93 |
| Microsoft | Sculpt Comfort Desktop | L3V-00001 |
| Rii | 4 in 1 Wireless Multimedia Air Fly Mouse Keyboard | Mini i13 |
| Qwerkytoys | Qwerkywriter keyboard | |

11. Multimedia Devices

| Manufacturer | Description | Model Number |
|--------------|---|--|
| Actiontec | ScreenBeam Mini2 Wireless Display Receiver | SBWD60A01 |
| AVerMedia | AVerTV Hybrid Volar MAX (USB PCTV tuner) | MTVHBMXR |
| BenQ | 3D projector | W1070 |
| Denon | AV receiver | X3000 |
| FLIRC | USB dongle - universal IR receiver | 100013 |
| Hauppauge | USB TV Tuners | HVR-950Q / HVR-955Q |
| Hauppauge | USB HDMI, Composite, Component, TOSLINK capture box | HD PVR 2 Gaming Edition Plus |
| HP | Infrared receiver for Media Center | 5188-1667 |
| Logitech | Harmony Smart Control Remote and Hub | |
| Logitech | Webcams | B910, B525, C920, C930e, BCC950, CC3000e |
| Onkyo | 5.1-Channel Home Theater Receiver/Speaker Package | HT-S3700 |
| Onkyo | 7.2-Ch Network A/V Receiver with Wi-Fi and Bluetooth | TX-NR646 |
| SANOXY | PC Media Center Remote Control with Infrared USB Receiver | |
| Wavlink | USB3.0 to DVI/HDMI/VGA adapter | WL-UG35D6 |
| Yamaha | 5.1-Channel AV receiver | RX-V477 |

12. Video Cables and Adapters

Note: Core-based NUCs only support a maximum of three independent displays. Additional displays will be mirrored.

| Manufacturer | Description | Model Number |
|--------------------|--|--------------------------------|
| Accell | Mini DisplayPort to 2x DP MST Hub | K088B-005B |
| Accell | Mini DisplayPort to 3x DP MST Hub | K088B-003B |
| Accell | Mini DisplayPort to 3x HDMI MST Hub | K088B-009B |
| Accell | Mini DisplayPort* to VGA | B101B-002B |
| Accell | Mini DisplayPort 1.2 to HDMI Active Adapter | B086B-007B |
| Accell | Mini DisplayPort to DisplayPort 1.2 Audio/Video Cable | B143B-007J |
| Accell | Mini DisplayPort to DVI-D Single Link Active Adapter | B087B-006B |
| Accell | Mini DisplayPort to DVI-D Adapter | B087B-004B |
| Accell | Mini DisplayPort 1.1 to HDMI Passive | B086B-005B |
| Accell | Mini DisplayPort 1.1 to HDMI Active | B086B-005B |
| Accell | DisplayPort or Mini DisplayPort to DVI-D Dual Link Adapter | B087B-002B |
| Atlona | HDMI and IR Extender over CAT5/6 | AT-HDTX-IR AT-HDRX-IR |
| Atlona | HDBaseT Extender for HDMI, RS232, IR over CAT5/6 | AT-HDTX-RSNET AT-HDRX-RSNET |
| Bluerigger | High Speed Mini HDMI to HDMI cable with Ethernet (6 Feet) | MINI-HDMI-HDMI-M2M-6FT |
| Diamond Multimedia | USB external video display adapter | BVU195 |
| Purelink | High-Speed Mini-HDMI / HDMI Adapter | CS030 |
| Startech | High-Speed HDMI Cable—1M Pro Series | HDPSMM1M |

| | | |
|----------|---|-------------|
| Startech | Mini DisplayPort to HDMI Active Adapter | MDP2HD4KS |
| Startech | USB-C to DisplayPort Cable | CDP2DPMM1MB |

13. Audio Devices

| Manufacturer | Description | Model Number |
|------------------|---|----------------|
| Coby Electronics | USB headphone/microphone | CV480 |
| Creative | Soundblaster X-Fi Surround 5.1 Pro USB audio system | SB1095 |
| Logitech | Wireless Headset | H800 |
| Logitech | Ultimate Ears Bluetooth Speakers | BOOM, MegaBOOM |
| Logitech | Speakers | S-150 |
| Pioneer | USB powered computer speakers | S-MM301 |
| Turtle Beach | Audio Advantage Micro II USB Analog & Digital Audio Adapter | TBS-1150-01 |

14. Memory Cards

| Manufacturer | Description | Model Number |
|--------------|-----------------------------|-------------------|
| SanDisk | Extreme Pro SDXC UHS-I 512G | SDSDXPA-512G-G46 |
| SanDisk | Extreme SDXC UHS-I U3 128GB | SDSDXN-128G-G46 |
| SanDisk | Extreme SDHC UHS-I U3 32GB | SDSDXN-032G-G46 |
| SanDisk | ULTRA microSDXC UHS-I 200G | SDSDQUAN-200G-G4A |

15. WiFi Access Points, Routers, and Devices

| Manufacturer | Description | Model Number |
|--------------|------------------------------------|--------------|
| Linksys | Dual-Band 802.11ac 4x4 WiFi Router | WRT1900ACS |