Intel® NUC One-Pagers

Published: WW14 2014

Intel® NUC Kit D54250WYKH

Production Now

Processor	• 4th Generation Intel® Core™ i5-4250U Processor (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

SKU	MM#	Power Cord
BOXD54250WYKH	932421	No Cord
BOXD54250WYKH1	932422	Type B (USA/Can)
BOXD54250WYKH2	932423	Type E (Central Europe)
BOXD54250WYKH3	932424	Type G (UK/HKG)

Intel® NUC Kit D54250WYK

Production Now

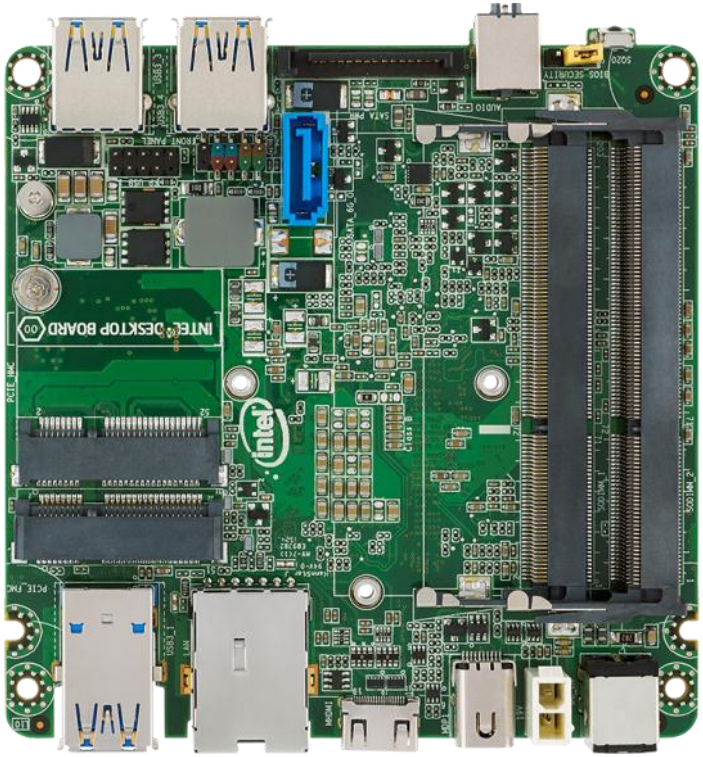
Processor	• 4th Generation Intel® Core™ i5-4250U Processor (1.3GHz up to 2.6GHz Turbo Dual Core , 3MB Cache, 15W TDP)
Memory	• Dual-channel DDR3L SODIMMs • 1.35V, 1333/1600 MHz, 16GB maximum
Graphics	• Intel® HD Graphics 5000 • 1x mini HDMI 1.4a • 1x mini DisplayPort 1.2
Audio	• Up to 7.1 surround audio 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
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

SKU	MM#	Power Cord
BOXD54250WYK	931577	No Cord
BOXD54250WYK1	931578	Type B (USA/Can)
BOXD54250WYK2	931823	Type E (Central Europe)
BOXD54250WYK3	931824	Type G (UK/HKG)

Intel® NUC Board D54250WYB

Production Now

Processor	• 4th Generation Intel® Core™ i5-4250U Processor (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 2x5 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#
BLKD54250WYB	931580

Intel® NUC Kit D34010WYKH

Production Now

Processor	• 4th Generation Intel® Core™ i3-4010U Processor (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 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

SKU	MM#	Power Cord
BOXD34010WYKH	932425	No Cord
BOXD34010WYKH1	932426	Type B (USA/Can)
BOXD34010WYKH2	932427	Type E (Central Europe)
BOXD34010WYKH3	932428	Type G (UK/HKG)

Intel® NUC Kit D34010WYK

Production Now

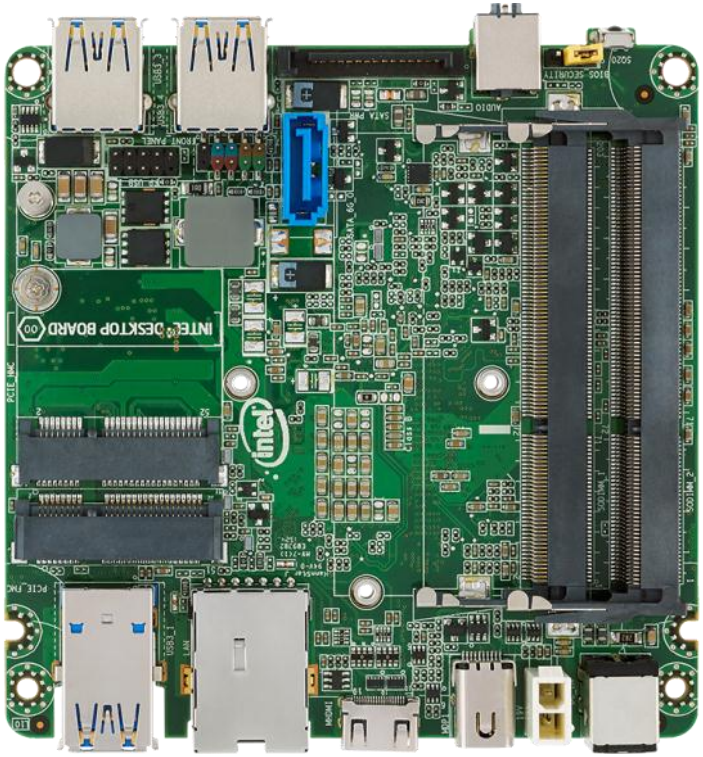
Processor	• 4th Generation Intel® Core™ i3-4010U Processor (1.7GHz Dual Core, 3MB Cache, 15W TDP)
Memory	• Dual-channel DDR3L SODIMMs • 1.35V, 1333/1600 MHz, 16GB maximum
Graphics	• Intel® HD Graphics 4400 • 1x mini HDMI 1.4a • 1x mini DisplayPort 1.2
Audio	• Up to 7.1 surround audio via Mini HDMI and 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 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
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

SKU	MM#	Power Cord
BOXD34010WYK	931574	No Cord
BOXD34010WYK1	931576	Type B (USA/Can)
BOXD34010WYK2	931820	Type E (Central Europe)
BOXD34010WYK3	931822	Type G (UK/HKG)

Intel® NUC Board D34010WYB

Production Now

Processor	• 4th Generation Intel® Core™ i3-4010U Processor (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
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
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#
BLKD34010WYB	931573

Intel® NUC Kit DN2820FYKH

Production Now

Processor	• Intel® Celeron® Processor N2820 (up to 2.4GHz Dual Core, 1MB Cache, 7.5W TDP)
Memory	• DDR3L SODIMM • 1.35V, 1333/1600 MHz (down clocked to 1066 MHz) , 8GB maximum
Graphics	• Intel® HD Graphics (up to 756MHz) • 1x HDMI* 1.4a
Audio	• Up to 7.1 surround 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 • Consumer Infrared sensor on the front panel
Storage	• Internal support for 2.5¨ HDD or SSD (up to 9.5mm thickness)
Networking	• 10/100/1000Mbps Network connection • Intel® Wireless-N 7260BN pre-installed, incl. wireless antennas (IEEE 802.11bgn, Bluetooth* 4.0, Intel® Wireless Display built-in)
Enclosure	• Silver aluminum ring with diamond cut around black top • Dimensions: 116.6mm x 112mm x 51.5mm
Power Adapter	• 12V, 36W wall-mount AC-DC power adapter • Multi-country plugs (IEC types A/C/G/I)
Additional Features	• Intel® Visual BIOS • Intel® Visual Boot Manager • Windows 8.1 & 8 Logo • Compatible with Linux and Windows 7 • VESA mount bracket (75x75mm and 100x100mm compatible) • Half-length PCIe* mini-card slot (used by pre-installed wireless card) • Low-acoustics active cooling design • Kensington lock support • 3-year Advanced Warranty Replacement

SKU	MM#
BOXDN2820FYKH0	933307

Intel® NUC Kit DE3815TYKHE

April 2014 Launch

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 1.2) • Watchdog timer (hardwired to board reset) • Custom Solutions header (DMIC, AppLaunch GPIO, HDMI_CEC, SMBus, I2C[0:1], PWM[0:1] w/5V buffers, 1.8/3.3/5 Vstby power) • 2x Serial ports header (TXD/RXD/RTS/CTS, w/5V transceivers) • 12-24V DC internal power header • Compatible with WES 8, WES 7, Linux • Vertical stand • VESA mount bracket (75x75mm and 100x100mm compatible) • Kensington lock support • 3 year Product Life Cycle • 3-year Advanced Warranty Replacement

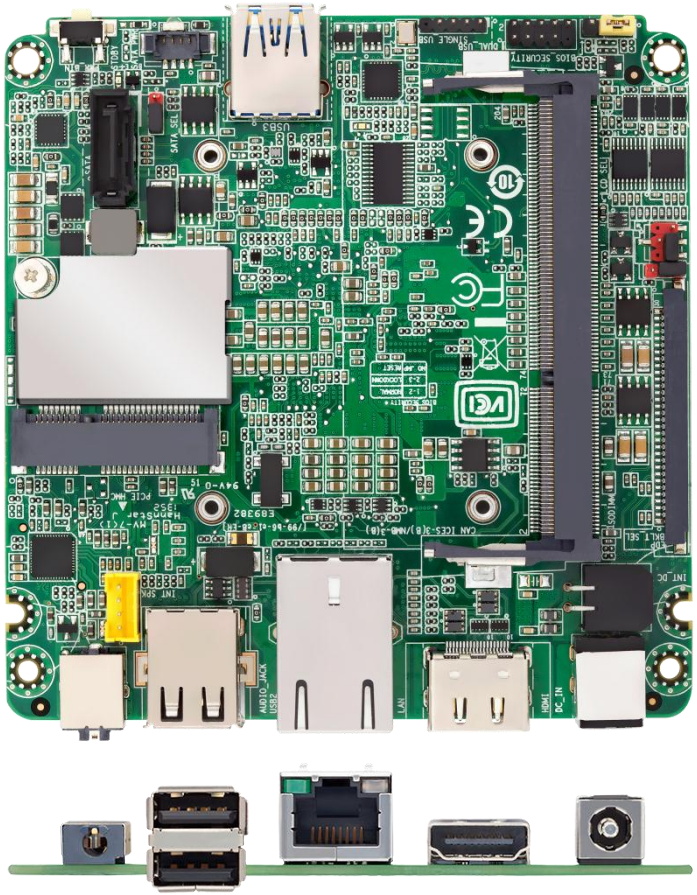
SKU	MM#
BLKDE3815TYKH0E	933135
BOXDE3815TYKHPP	933137

Intel® NUC Board DE3815TYBE

April 2014 Launch

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 header
Audio	• Multi-channel digital audio via HDMI interface • Back panel headphone/microphone jack • Internal stereo speakers header
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 soldered-down • 1x SATA port (w/SATA DOM support) + 5V SATA power header
Networking	• 10/100/1000Mbps Network connection • Half-length PCIe* mini-card slot (for wireless card support)
Additional Features	• Fanless design • Discrete Trusted Platform Module (TPM 1.2) • Watchdog timer (hardwired to board reset) • Custom Solutions header (DMIC, AppLaunch GPIO, HDMI_CEC, SMBus, I2C[0:1], PWM[0:1] w/5V buffers, 1.8/3.3/5 Vstby power) • 2x Serial ports header (TXD/RXD/RTS/CTS, w/5V transceivers) • 12-19V DC back panel power connector (power adapter not included) • 12-24V DC internal power header • Compatible with WES 8, WES 7, Linux • 3 year Product Life Cycle • 3-year Advanced Warranty Replacement
Form Factor	• "4 x 4"

SKU	MM#
BLKDE3815TYBE	933136
BOXDE3815TYBPP	933138



Intel® NUC Kit DC53427HYE

Production Now

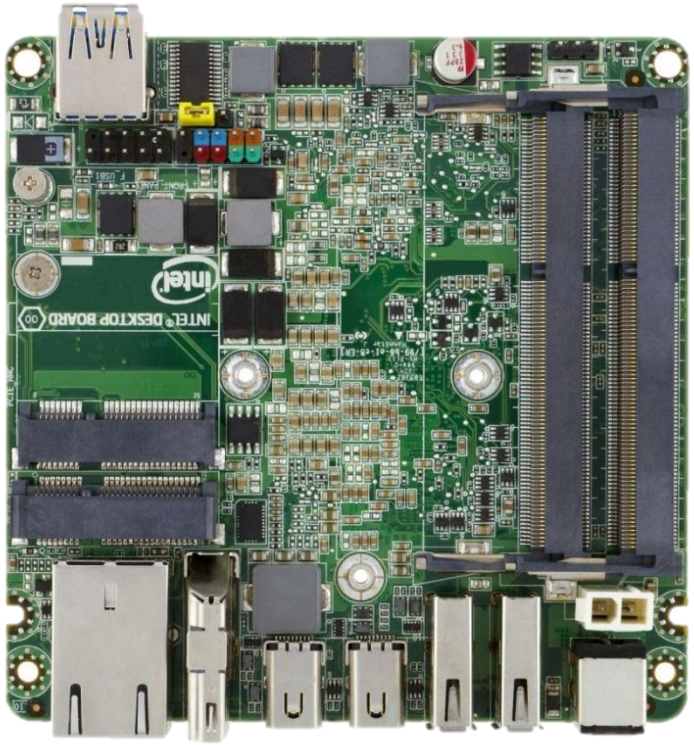
Processor	• Intel® Core™ i5-3427U Processor (1.8GHz up to 2.8GHz Turbo Dual Core, 3MB Cache, 17W TDP)
Memory	• Dual-channel DDR3 SODIMMs • 1.5V, 1333/1600 MHz, 16GB maximum
Graphics	• Intel® HD Graphics 4000 • 1x mini HDMI 1.4a • 2x mini Display Port 1.1a
Audio	• Up to 7.1 surround audio via HDMI interface • 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	• 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	• 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 • VESA mount bracket (75x75mm and 100x100mm compatible) • 3 year Product Life Cycle • 3-year Advanced Warranty Replacement

SKU	MM#
BOXDC53427HYE	927920
BLKDC53427HYE	930170

Intel® NUC Board D53427RKE

Production Now

Processor	• Intel® Core™ i5-3427U Processor (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 mini 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#
BLKD53427RKE	927919

Intel® NUC Kit DC3217IYE

Production Now

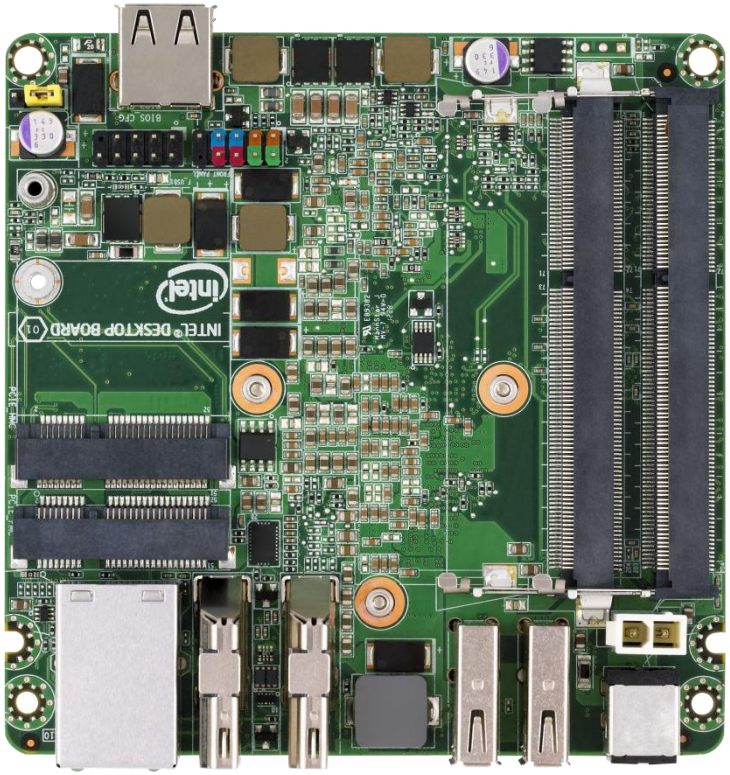
Processor	• Intel® Core™ i3-3217U Processor (1.8GHz Dual Core, 3MB Cache, 17W TDP)
Memory	• Dual-channel DDR3 SODIMMs • 1.5V, 1333/1600 MHz, 16GB maximum
Graphics	• Intel® HD Graphics 4000 • 2x mini HDMI 1.4a
Audio	• Up to 7.1 surround audio via HDMI interface
Peripheral Connectivity	• 2x USB 2.0 ports 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 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

SKU	MM#
BOXDC3217IYE	924222
BLKDC3217IYE	930690

Intel® NUC Board D33217GKE

Production Now

Processor	• Intel® Core™ i3-3217U Processor (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 mini 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#
BLKD33217GKE	924221

Intel® NUC Kit DCCP847DYE

Production Now

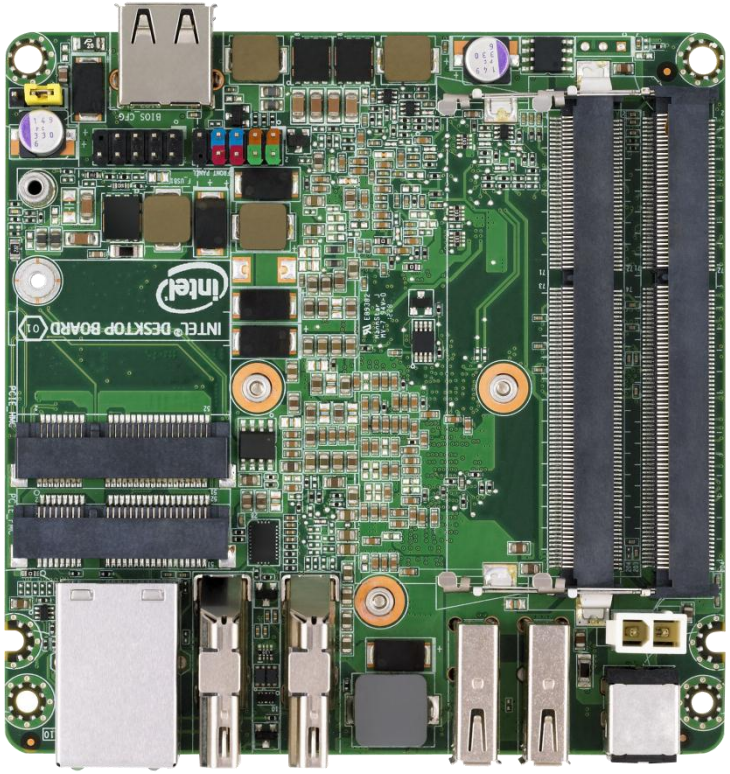
Processor	• Intel® Celeron® Processor 847 (1.10GHz Dual Core, 2MB Cache, 17W TDP)
Memory	• Dual-channel DDR3 SODIMMs • 1.5V, 1333/1600 MHz, 16GB maximum
Graphics	• Intel® HD Graphics 2000 • 2x mini HDMI 1.4a
Audio	• Up to 7.1 surround audio via HDMI interface
Peripheral Connectivity	• 2x USB 2.0 ports 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

SKU	MM#
BOXDCCP847DYE	925743

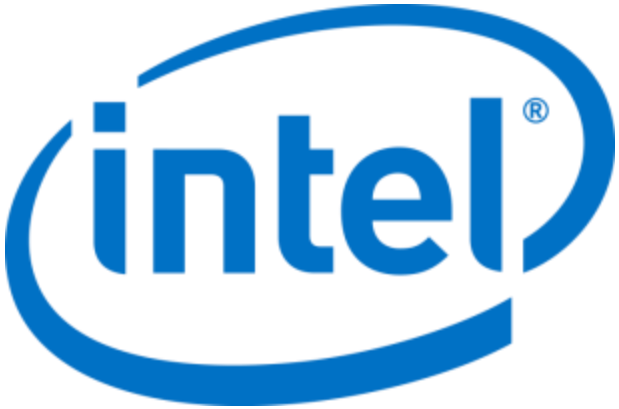
Intel® NUC Board DCP847SKE

Production Now

Processor	• Intel® Celeron® Processor 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 mini 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#
BLKDCP847SKE	925742


intel