The Shape that Fits the Future
DC3217IYE

Introducing Intel’s NUC Kit DC3217IYE
THINK YOU KNOW WHAT SMALL CAN DO? THINK AGAIN.
No more compromising between performance, profile, and price. The NUCs a tiny 4”×4”×2” computing device with the power of the 3rd generation Intel® Core™ i3 processor. Its lower power consumption enables innovative system designs and energy-efficient applications in places like digital signage, home entertainment, and portable uses.

SUPERIOR PROCESSING AND GRAPHICS
Visibly smart graphics using the 3rd generation Intel® Core™ i3-3217U processor deliver amazing performance and visually stunning graphics.

STUNNINGLY SMALL FORM FACTOR
The 4”×4”×2” form factor unlocks a world of potential design applications, from digital signage and kiosks to portable innovations.

ADVANCED TECHNOLOGY
The NUC features two SO-DIMM sockets for expandability up to 16 GB of memory, two PCIe* mini-card connectors for flexible support of wireless and SSD configurations, BIOS vault technology, fast boot and the Intel® Visual BIOS. The NUC also supports The Intel® Anti-Theft™ Technology providing hardware intelligence designed to protect your device and its data if its lost or stolen.

<table>
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<th>Integrated Board</th>
<th>D33217GKE</th>
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<tr>
<td>Dimensions</td>
<td>116.6mm×112.0mm×39.0mm (4.59”×4.41”×1.55”)</td>
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<tr>
<td>Cooling</td>
<td>Active</td>
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<td>Drive options</td>
<td>mSATA</td>
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<tr>
<td>Color options</td>
<td>Black only</td>
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<td>Chassis design</td>
<td>Aluminum and Plastic</td>
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<td>Power Supply</td>
<td>19V, 65W DC-DC power adapter</td>
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<td>Additional Features</td>
<td>Antenna for WIFI and Bluetooth pre-assembled for ease of deployment</td>
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<td>Front Panel USB 2.0</td>
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<td>VESA mounting bracket included</td>
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<td>Integration Guide</td>
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<td>3 year Product Life Cycle</td>
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Full PC functionality in its simplest form

- Intel® Gigabit Ethernet
- Dual HDMI ports supporting dual independent display capability
- Dual USB 2.0 Ports
- 19V, 65W DC Power connector
- Dual SO-DIMM sockets for memory expandability up to 16 GB
- Dual Mini PCIe slots for expandability
- Front Panel USB 2.0 Port

...with Intel® NUC D33217GKE

- Intel® QS77 Express chipset
- Intel® Core™ i3-3217U processor
- Intel® Gigabit Ethernet
- Dual HDMI ports supporting dual independent display capability
- Dual USB 2.0 Ports
- 19V, 65W DC Power connector
- Dual Mini PCIe slots for expandability
- Front Panel USB 2.0 Port
- Dual SO-DIMM sockets for memory expandability up to 16 GB

Windows 8 Compatible
**Intel® NUC Kit DC3217IYE**

**Technical Specifications**

**PROCESSOR**
- Processor Support: Intel® Core™ i3 3217U Processor (1.8 GHz, Dual Core processor with 3 MB smart cache)
- Supports Intel® 64 architecture

**CHIPSET**
- Intel® QS77 Express Chipset

**PERIPHERAL CONNECTIVITY**
- One half length mini-PCIe slot with dual USB 2.0 ports
- One full length mini-PCIe slot supporting m SATA
- Three Hi-Speed USB 2.0 ports (two back panel ports and one front panel port)

**EXPANSION CAPABILITIES**
- One full length mini-PCIe slot supporting mSATA capability
- One half length mini-PCIe slot with dual USB 2.0 ports routed

**GRAPHICS**
- Intel® HD Graphics 4000

**SYSTEM BIOS**
- Intel® Visual Bios
- 64 Mb Flash EEPROM with Intel® Platform Innovation Framework for EFI Plug and Play
- Advanced configuration and power interface V3.0b, SMBIOS2.5
- Intel® Express BIOS update support

**SYSTEM MEMORY**
- Memory Capacity
  - Dual-channel DDR3 with two connectors for 1333/1600 MHz memory support (16 GB max)
  - Memory Voltage: 1.5V and 1.35V

**HARDWARE MANAGEMENT FEATURES**
- Processor fan speed control
- Voltage and temperature sensing
- Fan sensor inputs used to monitor fan activity
- ACPI-compliant power management control

**INTEL® PRO 10/100/1000 NETWORK CONNECTION**
- Low-power design

**AUDIO**
- Intel® High Definition Audio (Intel HD Audio) via two HDMI 1.4a outputs supporting 8 channel (7.1) digital audio

**INDICATORS AND CONTROLS**
- HDD LED, Power LED
- Power on/off

**MECHANICAL**
- Chassis Size
  - 4.59”×4.41”×1.55” (116.6mm×112.0mm×39.0mm)
- Board Size
  - 4”×4” (101.6mm×101.6mm)
- Baseboard Power Requirements
  - DC Power 19V, 65 Watt

**ENVIRONMENT**
- Operating Temperature
  - -25°C to +70°C
- Storage Temperature
  - -20°C to +70°C

**COMPLIANCE WITH REGULATIONS AND STANDARDS**

**Safety Regulations**
- UL/CSA 60950-1
- EN 60950-1
- IEC 60950-1
- NOM-019-SCFI-1998
- GOST-R
- EMC Class B Regulations
  - CISPR 22
  - CISPR 24
  - FCC 47 CFR Part 15, Subpart B
  - ICES-003
  - EN 55022
  - EN 55024
  - EN 61000-3-2
  - EN 61000-3-3
  - IEC/EN 61000-4 Series
  - VCCI V-3
  - KN-22
  - KN-24
  - CNS 13438

**ENVIRONMENTAL COMPLIANCE**
- Europe RoHS
- China RoHS

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1 WARNING: Altering PC memory frequency, voltage and/or latency may: (i) reduce system stability and useful life of the system, memory, and processor; (ii) cause the processor and other system components to fail (iii) cause reductions in system performance; (iv) cause additional heat or other damage and (v) affect system data integrity. Intel has not tested, and does not warranty, the operation of the memory beyond its specifications. Intel assumes no responsibility that the memory, including that used with altered clock frequencies and/or voltages, will be fit for any particular purpose. Check with memory manufacturer for warranty and additional details.

2 System resources and hardware (such as PCI and PCI Express™) require physical memory address locations that can reduce available addressable system memory. This could result in a reduction of as much as 1 GB or more of physical addressable memory being available to the operating system and applications, depending on the system configuration and operating system.

3 64-bit computing on Intel® architecture requires a computer system with a processor, chipset, BIOS, operating system, device drivers, and applications enabled for Intel® 64 architecture. Processors will not operate (including 32-bit operation) without an Intel® architecture-enabled BIOS. Performance will vary depending on your hardware and software configurations. See [http://developer.intel.com/technology/ intel64/index.htm](http://developer.intel.com/technology/ intel64/index.htm) for more information.

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