

## NUC7CJYSAL - Dual-Core Celeron System

### Who said small isn't powerful?

The Simply NUC7CJYSAL delivers cost-efficient Intel-level performance, perfect for basic 4K digital signage or as a desktop replacement. This tiny but mighty NUC can be used to drive digital signs that showcase menus or display corporate information, or for productivity apps that help get business done. Primarily for single application usage such as web browsing, digital signage, KIOSK, the Intel® Celeron® processor can even run Office applications.

This unit comes equipped with 4GB of memory and 32GB of built-in storage, and supports up to 8GB of memory in addition to sporting a 2.5in SATA drive bay (up to 2TB of HDD, 2TB of SSHD, or 4TB of SSD).

The Intel® HD Graphics supports up to 4K display capabilities at 60Hz over each of its two HDMI ports.

All of this in a small 4" x 4" x 2" sized package which can mount behind your monitor or be unobtrusively located in plain sight due to its small size. And the active cooling system adjusts as needed to provide quiet during light loads where it isn't needed as much, and barely audible cooling when more is needed.

### New features let you use Windows® 10 to its full potential

The Simply NUC7CJYSAL has some cool new features including dual-array front microphones so you can take advantage of Cortana's capabilities if you include Windows® 10 with no additional hardware needed. There's also 7.1 surround sound via the HDMI port to deeply immerse you in your content. You can also listen with headphones via the front microphone / audio jack. The choice is yours.

### Cut the cords, not the Performance

The Simply NUC7CJYSAL comes with Intel® 802.11ac wireless, for connectivity right out-of-the-box. This makes it simple to immediately access files in the cloud, and with built-in Bluetooth 5, you can connect wireless peripherals like headsets and keyboards.

### Highlighted features

- Intel® Dual-Core Celeron
- Intel® UHD Graphics 600
- 4GB DDR4 memory
- 32GB eMMC storage
- Dual HDMI 2.0a supporting 4K @ 60Hz
- Intel® Gigabit LAN
- Intel® 802.11ac Wireless
- Intel® Bluetooth
- Four USB 3.0 Ports. One w/Charging
- Digital Audio 7.1 Surround Sound
- HD Audio over 3.5mm Headset Jack
- 3.5mm Speaker/TOSLink Optical Jack
- Internal Dual-Band Antennas
- Front panel power button
- Kensington lock support
- 19V DC Jack (12-19v operation)
- VESA Mount Kit

### Customization

- Two DDR4 SO-DIMM Sockets
- Internal 2.5 inch SATA Bay
- Supports functional and colored Lids
- Two internal USB 2.0 headers
- Consumer Electronics Control (CEC) internal header



### Simply NUC Services

You can order this NUC in your various configurations, as well as your corporate OS Image loaded and ready to deploy.

## Technical Specifications

<b>Processor</b> <ul style="list-style-type: none"> <li>Intel® Celeron® J4005 (2.0 GHz to 2.7GHz Burst, Dual-Core, 4MB Cache, 10W TDP)</li> </ul>	<b>Graphics</b> <ul style="list-style-type: none"> <li>Intel® HD Graphics 600</li> <li>Two HDMI 2.0a ports (4K @ 60Hz)</li> </ul>	<b>System Memory</b> <ul style="list-style-type: none"> <li>Two DDR4 SO-DIMM sockets (4GB included, supports 8GB Max)</li> </ul>
<b>Storage Capabilities</b> <ul style="list-style-type: none"> <li>32GB eMMC included</li> <li>One SATA 3 port for connection to 2.5" HDD, SSHD, or SSD (up to 9.5 mm thickness)</li> <li>SDXC slot with UHS-I support, on the side</li> </ul>	<b>Peripheral Connectivity</b> <ul style="list-style-type: none"> <li>Intel® Gigabit LAN</li> <li>Four Super Hi-Speed USB 3.0 ports (two on back panel and two on front panel including one charging port on front)</li> <li>Two additional Hi-Speed USB 2.0 ports via internal header</li> <li>Intel® Wireless-AC 9462 (802.11ac), 1x1, up to 433 Mbps</li> <li>Bluetooth 5</li> </ul>	<b>System Bios</b> <ul style="list-style-type: none"> <li>64 Mb Flash EEPROM with Intel® Platform Innovation Framework for EFI Plug and Play</li> <li>Advanced configuration and power interface V3.0b, SMBIOS2.5</li> <li>Intel® Visual BIOS</li> <li>Intel® Express BIOS update support</li> </ul>
<b>Audio</b> <ul style="list-style-type: none"> <li>Up to 7.1 surround audio via HDMI</li> <li>HD Audio headphone/microphone jack on the front panel (3.5mm)</li> <li>Dual-array near-field microphones integrated into the front panel</li> <li>HD Audio 3.5mm speaker/TOSLink optical audio jack on the back panel</li> </ul>	<b>Baseboard Power Requirements</b> <ul style="list-style-type: none"> <li>19V, 65W AC-DC power brick adapter with international plugs</li> </ul>	<b>Front Panel Header</b> <ul style="list-style-type: none"> <li>Reset, HDD LED, Power LEDs, power on/off</li> </ul>
<b>Hardware Management Features</b> <ul style="list-style-type: none"> <li>Voltage and temperature sensing</li> <li>ACPI-compliant power management control</li> <li>Processor fan speed control</li> <li>Fan sensor inputs used to monitor fan activity</li> </ul>	<b>Mechanical Chassis Size</b> <ul style="list-style-type: none"> <li>4.55" x 4.57" x 2.01"</li> <li>115 mm x 111 mm x 51 mm</li> </ul>	<b>Expansion Capabilities</b> <ul style="list-style-type: none"> <li>Two Internal USB 2.0 ports via two 1x4 headers (for functional lid support)</li> <li>One AUX_PWR header</li> <li>One Consumer Electronics Control (CEC) header</li> <li>2.5in Drive Mount for SATA drive</li> </ul>

## Certification and Regulations

<b>Product Safety Regulations and Standards</b> <ul style="list-style-type: none"> <li>IEC 60950-1</li> <li>UL 60950-1</li> <li>EN 60950-1</li> <li>CAN/CSA-C22.2 No. 60950-1</li> </ul>	<b>EMC/RF Regulations and Standards (Class B)</b> <ul style="list-style-type: none"> <li>CISPR 32</li> <li>FCC CFR Title 47, Chapter I, Part 15, Subparts B, C</li> <li>ICES-003</li> <li>EN 55032</li> <li>ETSI EN 300 328</li> <li>ETSI EN 301 489-17</li> <li>EN 62311</li> <li>AS/NZS 2772.2</li> <li>VCCI V-2, V-3, V-4</li> <li>KN-32</li> <li>CNS 13438</li> <li>EN 55024</li> <li>ETSI EN 301 489-1</li> <li>ETSI EN 301 893</li> <li>AS/NZS 4268</li> <li>KN-24</li> </ul>	<b>Environmental Regulations</b> <ul style="list-style-type: none"> <li>RoHS Directive 2011/65/EU</li> <li>WEEE Directive 2012/19/EU</li> <li>China RoHS</li> </ul>
<b>Environment Operating Temp</b> <ul style="list-style-type: none"> <li>0° C to +45° C</li> <li>Non-condensing Humidity</li> </ul>	<b>Certified Operating Systems</b> <ul style="list-style-type: none"> <li>Windows 10 64-bit (Home)</li> </ul>	
<b>Storage Temperature</b> <ul style="list-style-type: none"> <li>-20° C to +70° C</li> </ul>		