

Intel NUC 7 – NUC7CJYSAL



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Intel® NUC 7 Essential, a Mini PC with Windows® 10 - NUC7CJYSAL ()

Essentials

Product Collection

Intel® NUC Mini PC with Intel® Celeron® Processors

Code Name

Products formerly JUNE CANYON

Status

Launched

Launch Date

Q1'18

Supported Operating Systems

Windows 10, 64-bit*

Board Number

NUC7JYB

Board Form Factor

UCFF (4" x 4")

Socket

Soldered-down BGA

Internal Drive Form Factor

2.5" Drive

of Internal Drives Supported

1

Embedded Storage

32 GB

Lithography

14 nm

TDP	10 W
DC Input Voltage Supported	12-19 VDC
Pre-Installed Operating System	Windows 10, 64-bit*
Processor Included	Intel® Celeron® J4005 Processor (4M Cache, up to 2.70 GHz)
Intel vPro® Platform Eligibility ‡	No
# of Cores	2
# of Threads	2
Processor Base Frequency	2.00 GHz
Warranty Period	3 yrs
Recommended Customer Price	\$173.50 - \$175.96
Supplemental Information	
Embedded Options Available	No
Description	Other features: 4GB DDR4 SO-DIMM; 32GB eMMC on-board; Windows® 10, 64-bit Home pre-installed. Includes SDXC card slot, dual microphones
Product Brief	View now
Memory & Storage	
Included Storage	32GB eMMC
Included Memory	1x 4GB DDR4 RAM
Max Memory Size (dependent on memory type)	8 GB
Memory Types	DDR4-2400 1.2V SO-DIMM
Max # of Memory Channels	2

Max Memory Bandwidth	38.4 GB/s
Max # of DIMMs	2
ECC Memory Supported ‡	No
Processor Graphics	
Integrated Graphics ‡	Yes
Graphics Output	2x HDMI 2.0a
# of Displays Supported ‡	2
Expansion Options	
Removable Memory Card Slot	SDXC with UHS-I support
# of USB Ports	6
USB Configuration	2x front and 2x rear USB 3.0; 2x USB 2.0 via internal headers
USB Revision	2.0, 3.0
USB 2.0 Configuration (External + Internal)	0 + 2
USB 3.0 Configuration (External + Internal)	2B 2F + 0
Total # of SATA Ports	1
Max # of SATA 6.0 Gb/s Ports	1
RAID Configuration	N/A
Audio (back channel + front channel)	7.1 digital; L+R+mic (F); L+R+TOSLINK (R)
Integrated LAN	Realtek 8111H-CG
Integrated Wireless‡	Intel® Wireless-AC 9462 + Bluetooth 5.0
Integrated Bluetooth	Yes

Consumer Infrared Rx Sensor

Yes

S/DPDIF Out Connector

TOSLINK

Additional Headers

CEC, 2x USB2.0, AUX_PWR, FRONT_PANEL

Package Specifications**Chassis Dimensions**

115 x 111 x 51mm

Advanced Technologies**Intel® Virtualization Technology for Directed I/O (VT-d) ‡**

Yes

Intel vPro® Platform Eligibility ‡

No

TPM

No

Intel® HD Audio Technology

Yes

Intel® Platform Trust Technology (Intel® PTT)

Yes

Security & Reliability**Intel® AES New Instructions**

Yes