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UPE Compare Intel® Products	
03/29/2023 09:30:16 AM	
Intel® NUC 7 Essential- a Mini PC with Windows® 10 – NUC7CJYSAMN	
Essentials	
Product Collection	Intel® NUC Mini PC with Intel® Celeron® Processors
Code Name	Products formerly JUNE CANYON
Marketing Status	Launched
Launch Date	Q2'21
Pre-Installed Operating System	Windows 11 64-bit*
Supported Operating Systems	Windows 11 64-bit* Windows 10 64-bit*
Board Number	NUC7JYBN
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	64 GB
TDP	10 W
DC Input Voltage Supported	12-19 VDC
Recommended Customer Price	\$179.92 - \$182.38
Processor Included	Intel® Celeron® Processor J4025 (4M Cache up to 2.90 GHz)
Total Cores	2
Total Threads	2
Processor Base Frequency	2.00 GHz
Lithography	14 nm
Warranty Period	3 yrs
Supplemental Information	
Embedded Options Available	No
Description	Other features: 4GB DDR4 SO-DIMM; 64GB eMMC on-board; Windows® 11 Home in S Mode pre-installed. Includes SDXC card slot. Does not include 3.5mm audio or microphones

Memory & Storage	
Included Storage	64GB 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
Expansion Options	
Removable Memory Card Slot	SDXC with UHS-I support
I/O Specifications	
# 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
Integrated LAN	Realtek 8111H-CG
Integrated Wireless‡	Intel® Wireless-AC 9462 + Bluetooth 5.0
Integrated Bluetooth	Yes
Consumer Infrared Rx Sensor	Yes
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
TPM	No
Intel® HD Audio Technology	No
Intel® Platform Trust Technology (Intel® PTT)	Yes
Security & Reliability	
Intel® AES New Instructions	Yes