,Intel® NUC 10 Performance kit - NUC10i3FNHN

Essentials

Product Collection,Intel® NUC Kit with 10th Generation Intel® Core™ Processors
Code Name,Products formerly Frost Canyon
Status,Launched
Launch Date,Q2'21
Supported Operating Systems,Windows 11 | 64-bit* | Windows 10 | 64-bit*
Board Number,NUC10i3FNBN
Board Form Factor,UCFF (4" x 4")
Socket,Soldered-down BGA
Internal Drive Form Factor,M.2 and 2.5" Drive
# of Internal Drives Supported,2
TDP,25 W
DC Input Voltage Supported,19 VDC
Recommended Customer Price,$320.52 - $322.98
Processor Included,Intel® Core™ i3-10110U Processor (4M Cache | up to 4.10 GHz)
Intel vPro® Platform Eligibility ‡,No
Total Cores,2
Total Threads,4
Processor Base Frequency,2.10 GHz
Lithography,14 nm
Max Turbo Frequency,4.10 GHz
Warranty Period,3 yrs

Supplemental Information

Embedded Options Available,No
Datasheet,View now
Description,Does not include 3.5mm audio capabilities | Digital Microphones.

Memory & Storage

Max Memory Size (dependent on memory type),64 GB
Memory Types,DDR4-2666 1.2V SO-DIMM
Max # of Memory Channels,2
Max Memory Bandwidth,42.6 GB/s
Max # of DIMMs,2
ECC Memory Supported   ‡,No

Processor Graphics

Integrated Graphics ‡,Yes
Graphics Out USB-C (DP1.2)
# of Displays Supported ‡,3

Expansion Options

PCI Express Revision,Gen3
PCI Express Configurations ‡,M.2 slot with PCIe X4 lanes
Removable Memory Card Slot,SDXC with UHS-II support
M.2 Card Slot (storage),22x42/80

I/O Specifications
# of USB Ports,7
USB Configur 2x USB 2.0 via internal headers
USB Revision,2.0 | 3.1 Gen2
USB 2.0 Configuration (External + Internal),0 + 2
USB 3.0 Configuration (External + Internal),2B 2F + 0
Total # of SATA Ports,2
Max # of SATA 6.0 Gb/s Ports,2
RAID Configuration,2.5" HDD/SSD + M.2 SATA SSD (RAID-0 RAID-1)
Audio (back channel + front channel),7.1 digital (HDMI | Type-C)
Integrated LAN,Intel® Ethernet Connection i219-V
Integrated Wireless‡,Intel® Wi-Fi 6 AX201
Integrated Bluetooth,Yes
Consumer Infrared Rx Sensor,Yes
Additional Headers,CEC | 2x USB2.0 | FRONT_PANEL | RGB
# of Thunderbolt™ Ports,1x Thunderbolt™ 3

Package Specifications
Chassis Dimensions,117 x 112 x 51mm

Advanced Technologies
Intel® Optane™ Memory Supported ‡,Yes
Intel® Virtualization Technology for Directed I/O (VT-d) ‡,Yes
Intel vPro® Platform Eligibility ‡,No
TPM,No
Intel® HD Audio Technology,No
Intel® Rapid Storage Technology,Yes
Intel® Virtualization Technology (VT-x) ‡,Yes
Intel® Platform Trust Technology (Intel® PTT),Yes

Security & Reliability
Intel® AES New Instructions,Yes