

Intel® NUC 11 Pro Kit NUC11TNHv7

Essentials

Product Collection, Intel® NUC Kit with 11th Generation Intel® Core™ Processors
Code Name, Products formerly Tiger Canyon
Marketing Status, Launched
Launch Date, Q1'21
Expected Discontinuance, 1H'24
Supported Operating Systems, Windows 11 Home* | Windows 11 Pro* | Windows 10 Home | 64-bit* | Win
Board Number, NUC11TNBv7
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, 3
TDP, 28 W
DC Input Voltage Supported, 12-20 VDC
Recommended Customer Price, \$654.00 - \$656.00
Processor Included, Intel® Core™ i7-1185G7 Processor (12M Cache | up to 4.80 GHz | with IPU)
Intel vPro® Platform Eligibility ‡, Yes
Total Cores, 4
Total Threads, 8
Lithography, 10 nm SuperFin
Max Turbo Frequency, 4.80 GHz

Supplemental Information

Embedded Options Available, No
Included Items, VESA bracket

Memory & Storage

Max Memory Size (dependent on memory type), 64 GB
Memory Types, DDR4-3200 1.2V SO-DIMMs
Max # of Memory Channels, 2
Max # of DIMMs, 2
ECC Memory Supported ‡, No

Processor Graphics

Integrated Graphics ‡, Yes
Graphics Output, Dual HDMI 2.0b w/HDMI CEC | Dual DP 1.4a via Type C
of Displays Supported ‡, 4

Expansion Options

PCI Express Revision, Gen 4 (m.2 22x80 slot)
PCI Express Configurations ‡, PCIe x4 Gen 4: M.2 22x80 (key M) PCIe x1 Gen 3: M.2 22x42 (key B) PCIe x1: M.2 :
M.2 Card Slot (wireless), 22x30 (E)
M.2 Card Slot (storage), 22x80 NVMe (M)

I/O Specifications

of USB Ports, 4
USB Configuration, Front: 2x USB 3.2 Rear: 2x USB 4 (type C) | 1x USB 3.2 | 1x USB 2.0 Internal: 1x USB 3.2 on

Total # of SATA Ports,1
Serial Port via Internal Header,Yes
Integrated LAN,Intel® Ethernet Controller i225-LM
Integrated Wireless‡,Intel® Wi-Fi 6 AX201
Integrated Bluetooth,Yes
Additional Headers,Front_panel (PWR | RST | 5V | 5Vsby | 3.3Vsby)
of Thunderbolt™ Ports,1x Thunderbolt™ 4 | 1x Thunderbolt™ 3

Package Specifications

Chassis Dimensions,117 x 112 x 54 [mm] (LxWxH)

Advanced Technologies

Intel® Optane™ Memory Supported ‡,No
Intel® Virtualization Technology for Directed I/O (VT-d) ‡,Yes
Intel vPro® Platform Eligibility ‡,Yes
Intel® ME Firmware Version,15
TPM,Yes
TPM Version,2.0
Intel® Virtualization Technology (VT-x) ‡,Yes

Security & Reliability

Intel vPro® Eligibility ‡,Intel vPro® Platform
Intel® AES New Instructions,Yes
Intel® Trusted Execution Technology ‡,Yes

dows 10 IoT Enterprise* | Windows 10 Pro | 64-bit* | Red Hat Linux* | Ubuntu 20.04 LTS*

Gen 3 (otherwise)
22x30 (key E)

22x42 SATA (B)

m.2 22x42 (pins) | 2x USB 2.0 (headers)

Internal 2x2 power connector