Mill Canyon

NUC 14 Essential - NUC14MNK97

10G
USB

10G
USB

10G
USB

intel
processor

SimplyNUC®

Mill Canyon
NUC 14 Essential - NUC14MNK97

The Essential NUC for Everyday Computing

The name says it all. The NUC 14 Essential Mill Canyon NUC is the essential everyday solution for kiosks, collaboration, streaming, and digital signage. Powered by Intel® Celeron® processors, these powerful, cost-efficient systems deliver Intel reliability and quality.

Feature-Packed. Value-Priced

For amazing performance, the N97 12W systems support 16GB single-channel DDR5 memory and M.2 Wi-Fi 6E and 2.5Gb LAN connectivity. Mill Canyon provides storage flexibility via M.2 with NVMe and SATA drives of up to 1TB to store all your data, pictures, and videos. Quality and flexibility are built in, with numerous mounting options, support for triple displays via HDMI and DisplayPort to drive up to 4K output, seven USB ports (2 Type-C), M.2 Wi-Fi, and optional dTPM.

Reliability and Performance in a Slim, Cost-Effective Design

Mill Canyon NUCs deliver the essentials—great performance and great value in a slim form factor, backed by a three-year warranty. With pre-installed M.2 Intel® Wi-Fi 6E (AX211) and 2.5Gb LAN for connectivity right out of the box, you can immediately access files in the cloud, and with Bluetooth 5.3, you can seamlessly connect all your wireless peripherals. From retail kiosks to triple-display digital signage, to collaboration and streaming in your home, office, or school, Mill Canyon NUCs offer great performance at unmatched value.

Features

- Intel® N97 Processor
- Integrated - Intel® Graphics
- 1 x DDR5-4800
- 1 x M.2 Key M 2280/2242 PCIe Gen3x4 or SATA slot
- 1 x HDMI 2.1
- 1 x DisplayPort 1.4
- 1 x Type C with DP
- 1 x 2.5 Gigabit Ethernet port
- Intel® Killer™ Wi-Fi 6E AX211 + Bluetooth® 5.3 Wireless
- 3 x Front USB 3.2 Gen2 (2x Type A, 1x Type C)
- 3 x Rear USB 3.2 Gen 2 (2x Type A, 1x Type C)
- 1 x Rear USB 2.0
- 1 x 3.5mm audio out jack
- 1 x DC-in
- 65W Power Adapter included
- 1 x Kensington Lock slot

Customization

- Primary storage up to 8TB NVMe or 1TB SATA SSD
- Memory up to 16GB
- OS options: Windows 11 Home & Pro, Windows IoT, Ubuntu, RedHat Linux

Technical Specification

Processor	Intel® N97 Processor	2.0GHz with 3.6 GHz Burst	4 Core - 4 Threads	6MB Intel® Smart Cache	12W
Graphics	Integrated - Intel® Graphics	3 x 4K displays supported
Memory	1 x DDR5-4800	16GB Max
Storage	1 x M.2 Key M 2280 PCIe Gen3x4 slots from 256GB to 8TB NVMe and from 256GB to 1TB SATA
Peripherals	Intel® Killer™ Wi-Fi 6E AX211 + Bluetooth® 5.3 Wireless with internal antennas	1 x 2.5 Gigabit Ethernet port	4 x USB 3.2 Gen2 Type A	1 x DisplayPort 1.4	2 x USB 3.2 Gen2 Type C |1 x USB 2.0 Type-A	1 x HDMI 2.1
Chassis	135mm x 115mm x 36mm
Audio	3.5mm Front audio out Jack
Power	65W Power Adapter

Certifications and Regulations

Safety Regulations and Standards	CE, FCC/ICES-003, UL/CUL
EMC/RF Regulations & Standards	CE, UKCA
Environmental Regulations	RoHS and REACH
Certified Operating Systems	Windows 11 (Pro and Home)	Windows IoT	Linux (Ubuntu and Red Hat)
Environmental Operating Temp etc.	0°C to +35°C	Non-Condensing Humidity