Chapel Rock

12th Gen Simply NUC Long Life NUC - LLN12CRv7

intel vPRO i7

intel iRISxe GRAPHICS

Simply nuc

Chapel Rock v7

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The Next Generation of Edge & IoT Computing

Chapel Rock is the latest Long Life NUC from Simply NUC, loaded with a 12th Gen i7-1265UE embedded processor and Intel® Iris® Xe Graphics. Chapel Rock is built for several use cases, from embedded units like kiosks and vending machines, to edge devices like security systems and sensor arrays. Chimney Rock is built to last with a 7-year commitment to supply. Enhance your IT infrastructure with Chapel Rock and usher in the next generation of edge & IoT computing.

Small Footprint, Endless Potential

Chapel Rock brings with it the same reliability & customizability as its predecessor, with upgrades like dual 2.5Gb Ethernet and all-new 12th Gen Intel Architecture to help your NUC perform at its true potential. Further expand your unit's abilities with 3200-DDR4 RAM up to 64GB and up to 10TB of storage across Gen 4

compatible NVMe socket and a secondary SATA socket. A plethora of I/O including up to four display outputs and expansion lids like additional HDMI, USB or even Serial ports give your Chapel Rock Endless potential in a small footprint.

Global Management, with vPro

Chapel Rock v7 sports an Intel vPro processor, giving you the ability to manage your device from anywhere around the Globe. From pushing software updates from your office to the rest of your fleet, to troubleshooting a unit at the airport, vPro saves you valuable time and manpower when managing your fleet of mini PCs. Take advantage of this technology to upgrade your IT infrastructure with Chapel Rock, today.

Features

- 12th Gen Intel® Core™ i7-1265UE
- Intel® vPro® Technology
- Intel® Iris® Xe Graphics
- 2x DDR4-3200 SO-DIMM Sockets
- 1x M.2 22x80 M-key PCIe x4 socket supporting Gen 4 NVMe or SATA SSDs
- 1x M.2 22x80 M-Key socket supporting SATA SSDs
- 2x Intel® 2.5Gb LAN
- Intel® Wi-Fi 6 + Bluetooth 5.1
- 1x HDMI 2.0b
- 1x DisplayPort 1.4a
- 2x USB-C (Alt-DP 1.4a)
- 4x USB 3.2 Gen 2 Type-A Ports
- 2x USB 3.2 Gen 2 Type-C Ports
- 3.5mm stereo headset jack
- TPM 2.0
- Kensington lock support
- VESA mount included
- 19v 90W power supply included
- 3-yr warranty and extended support service
- Optional 5-yr extended support service

Customization

- Memory up to 64GB
- Primary storage up to 4TB NVMe Gen4, 8TB NVMe Gen3 or 2TB SATA
- Secondary storage up to 2TB SATA
- Replaceable lid for I/O expansion
- OS options: Windows 10 or 11 Home & Pro, Windows IoT, Ubuntu

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THINK BIG, go mini

Technical Specification

Processor	Intel® 12th Gen Core™ i7-1265UE + vPro®	2P+8E/12T	P-Cores: up to 4.7GHz - E-Cores: up to 3.5GHz	12MB Intel® Smart Cache	PBP 15W - MTP 55W
Graphics	Intel® Iris® Xe Graphics	4x 4K displays supported via 1x HDMI 2.0b + 1x DisplayPort 1.4a + 2x USB-C (Alt-DP)	1x 8K display supported
Memory	Dual DDR4-3200 SODIMMs, 1.2V, up to 64GB
Storage	1x M.2 22x80 socket supporting x4 PCIe Gen 4 from 128GB to 4TB, Gen 3 from 128GB to 8TB or SATA SSD from 128GB to 2TB	1x M.2 22x80 socket supporting SATA SSD from 128GB to 2TB
Peripherals	2x 2.5Gb Ethernet (i225LM)	4x USB 3.2 Gen 2 type-A	Intel® Wi-Fi 6 AX200 (802.11ax)	Bluetooth 5.1
Chassis	115x115x49mm	Kensington lock support	VESA mount kit support
Expansion	2x USB 2.0 headers	1x COM header (RS-232/422/485)	Replaceable lid
Audio	3.5mm front stereo headset jack
Power	12-19V$_{DC}$ variable DC input	90W 19V PSU supplied

Certifications and Regulations

Safety Regulations and Standards	IEC 62368-1	EN 62368-1	CAN/CSA 62368-1
EMC/RF Regulations & Standards	FCC CFR Title 47, Chapter I, Part 15, Subpart. B	EN 55024	EN 55032	EN 55035	CISPR 32	ICES-003	ETSI EN.301 489-1	ETSI EN.301 489-17
Environmental Regulations	RoHS Compliant	REACH Compliant
Certified Operating Systems	Windows 10 64-bit (Pro and Home)	Windows 10 IoT	Linux (Ubuntu)
Environmental Operating Temp etc.	0°C to +40°C