

SY-i5RNG

Intel nuc13RNGi5 NUC 13 Extreme rAptor lake i5-13600K Miniature PC

Product Overview

Intel nuc13RNGi5 NUC 13 Extreme Kit - 337x318x129mm, support triple-slot discrete GPUs - Intel Z690 Chipset, Intel rAptor lake Iga1700 i5-13600K - 6x Performance-cores with Hyper-Threading + 8x Energy-efficient-cores, 20(12+8) threads



Specifications

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Specifications	
Product Code	SY-i5RNG
Essentials	
Product Collection	Intel NUC Kit with 13th Generation Intel Core Processors
Code Name	Products formerly Raptor Canyon
Supported Operating Systems	Windows 11, 64-bit
Board Number	NUC13SBBi5
Board Form Factor	PCIe
Internal Drive Form Factor	M.2 and 2.5" Drive
# of Internal Drives Supported	5
TDP	125 W
Board Chipset	Intel Z690 Chipset
Processor Included	Intel Core i5-13600K Processor (24M Cache, up to 5.10 GHz)
Total Cores	14
Total Threads	20

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Product Specification Sheet

Lithography	Intel 7
Max Turbo Frequency	5.10 GHz
Supplemental Information	
Embedded Options Available	No
Memory & Storage	
Max Memory Size (dependent on memory type)	64 GB
Memory Types	DDR5 SODIMM
Max # of Memory Channels	2
Max # of DIMMs	2
ECC Memory Supported	No
Processor Graphics	
Integrated Graphics	Yes
Graphics Output	2x Thunderbolt 4, HDMI 2.1 TMDS compatible (4K60)
# of Displays Supported	3
Discrete Graphics	Supports PCIe x16 Gen5 3-slot wide GPU
Expansion Options	
PCI Express Revision	Gen5, Gen4
PCI Express Configurations	M.2 PCIe X4 Gen4 slots (CPU), 2x M.2 PCIe X4 Gen4 slots (PCH); Triple-wide PCIe X16 Gen5 (CPU) slot, 12" max card length
M.2 Card Slot (wireless)	Killer Wi-Fi 6E AX1690i
M.2 Card Slot (storage)	2x via PCH + 1x via CPU (NVMe)
I/O Specifications	
# of USB Ports	11
USB Configuration	Rear: 6x USB 3.2g2, 2x TB4 (USB4); Front: 2x USB 3.2g1 Type-A, USB 3.2g2x2 Type-C
USB Revision	3.2 Gen1, Gen2, Gen2x2, USB4
Total # of SATA Ports	4
Max # of SATA 6.0 Gb/s Ports	4
RAID Configuration	RAID-0 or RAID-1
Audio (back channel + front channel)	(R) 7.1 digital, 3x 3.5mm + (F) 3.5mm
Integrated LAN	10GbE (AQC113) + Intel i226-V
Integrated Wireless	Intel Killer(tm) Wi-Fi 6E AX1690 (i/s)
Integrated Bluetooth	Yes
Additional Headers	FRONT_PANEL
# of Thunderbolt Ports	2x Thunderbolt 4
Package Specifications	
Chassis Dimensions	337 x 318 x 129mm

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Product Specification Sheet

Advanced Technologies	
Intel Optane Memory Supported	Yes
Intel Virtualization Technology for Directed I/O (VT-d)	Yes
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

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/SY-i5RNG-Intel-nuc13RNGi5-NUC-13-Extreme-rAptor-lake-Buy-p-276798.php>

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