

NUC-24004

Intel® 13th Gen (Raptor Lake-P), NUC Motherboard



FEATURES

- Intel® 13th Gen (Raptor Lake-P) Core™ Processors
- 2 x 262-pin SO-DIMM DDR5 5200MHz up to 64GB (32GB per DIMM)
- 1 x USB4/Thunderbolt™ 4, 5 x USB3.2 Gen2, 2 x USB 2.0, 1 x M.2 Key M, 1 x M.2 Key E, 1 x COM, 1 x SATA3
- 2 x Intel 2.5 Gigabit LAN
- Supports Quad display, 1 x HDMI 2.0b, 1 x DP 2.1 (from USB4), 2 x DP 1.4a (1 from Type-C)
- TPM 2.0 onboard IC
- Supports Intel® vPro
- 12V~19V DC-In

NUC-24004	
DIMENSIONS	NUC (4.09-in x 4.02-in x 1.5-in, 10.4 cm x 10.2 cm x 3.8 cm)
CPU	Intel® 13th Gen (Raptor Lake-P) Core™ Processors
CHIPSET	MCP
BIOS	AMI SPI 256 Mbit
RAM	2 x 262-pin SO-DIMM DDR5 5200MHz up to 64GB (32GB per DIMM)
CONTROLLER	Intel® Iris® Xe Graphics for i7/i5 CPU, Intel® UHD Graphics for i3/Celeron CPU
HDMI	HDMI 2.0b (Max resolution up to 4096x2160@60Hz)
DISPLAYPORT	DisplayPort 2.1/ 1.4a, DP++ (Max resolution up to 4096x2160@60Hz)
MULTI-DISPLAY	Max 4 display (Included 2 outputs from Type-C)
M.2	1 x M.2 (KEY M, 2242/2260/2280) with PCIe Gen4 x4 for SSD *M.2 Key M 2280(Supported by bracket) 1 x M.2 (Key E, 2230) with PCIe x1, USB 2.0 and CNVi for Wireless
SATA	1 x SATA3.0 (6.0 Gb/s)
AUDIO	Realtek ALC256, High-Definition Audio 1 (headphone & microphone jack)
ETHERNET	2 x 2.5 Gigabit (RJ-45) LAN LAN1: Intel® I226LM with 10/100/1000/2500 Mbps, supports vPro LAN2: Intel® I226V with 10/100/1000/2500 Mbps
USB	4 x USB 3.2 Gen2 (Type A) 1 x USB4/Thunderbolt™ 4 (5V/3A, Supports DP 2.1 display output) 1 x USB3.2 gen2x2 (Type-C, 5V/1.5A, Supports DP1.4a display output) *For Thunderbolt support, please refer to support list 2 x USB 2.0 (1 x 2.00 pitch header)
DC JACK	1
COM	1 x COM (RS-232/RS-422/RS-485)
TPM	TPM 2.0 onboard IC
OUTPUT	From Super I/O to drag RESETCON#
INTERVAL	256 Segments, 0, 1, 2, ...255sec
INPUT PWR	12V~19V DC-In Jack
POWER ON	AT/ATX Supported AT: Directly PWR on as power input ready ATX: Press button to PWR on after power input ready
OPERATING TEMP	-20°C~70°C
STORAGE TEMP	-40° C ~ 85° C
CERTIFICATIONS	CE, FCC
WARRANTY	2 Years