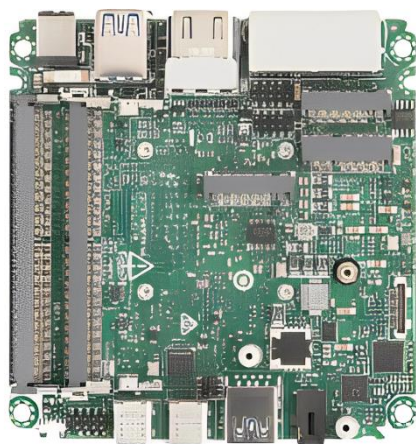


NUC-24003

Intel® Core™ Ultra processors (Meteor Lake-H/U),
NUC Motherboard



FEATURES

- Intel® Core™ Ultra processors (Meteor Lake-U/H).
- 2 x 262-pin SO-DIMM DDR5 5600MHz up to 96GB (48GB per DIMM).
- 1 x USB4/Thunderbolt™4, 4 x USB3.2 Gen2, 2 x USB 2.0, 2 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, 2 x HDMI 2.1 TMDS, 1 x DP 2.1 (from USB4), 1 x DP 1.4a (from Type-C).
- Intel® PTT.
- Supports Intel® vPro, VMD RAID 0/1.
- 12V~24V DC-in.

NUC-24003	
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® Core™ Ultra processors (Meteor Lake-H/U)
CHIPSET	MCP
BIOS	AMI SPI 256 Mbit
RAM	2 x 262-pin CSO-DIMM DDR5 6400MHz up to 96GB (48GB per DIMM)
CONTROLLER	Intel® Arc™ 140T graphics, Intel® Arc™ 130T graphics
HDMI	HDMI 2.1 TMDS (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) with PCIe Gen4 x4 for SSD 1 x M.2 (KEY M, 2242/2280) with PCIe Gen4 x4 for SSD 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)
RAID	Intel® VMD RAID 0/1 ** supported by identical interface (PCIe) PCIe interface: 2*M.2 Key M
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 LAN2: Intel® I226V with 10/100/1000/2500 Mbps
USB	3 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/3A, 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	Intel® PTT
OUTPUT	From Super I/O to drag RESETCON#
INTERVAL	256 Segments, 0, 1, 2, ...255sec
INPUT PWR	12V~24V 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