



NUCS Ultra 200 BOX Series – Compact Actively Cooled Slim NUC System Equipped with Intel® Core™ Ultra Processors

The NUCS Ultra 200 BOX Series, a slim NUC with a smaller form factor powered by Intel® Core™ Ultra 200H processors (Arrow Lake-H), brings advanced AI capabilities with up to 99 Platform TOPS for diverse workloads. It features a responsive CPU, an integrated Intel® Arc GPU, and a dedicated NPU for efficient and continuous AI processing. The series is engineered to provide optimal performance across a wide spectrum of AI applications in compact, power-efficient systems.

SPECIFICATIONS

CPU	Intel® Core™ Ultra processors (Arrow Lake-H), NUCS BOX-255H (Ultra 7 255H, 6P+8E), NUCS BOX-225H (Ultra 5 225H, 4P+8E)
Memory Type	262-pin DDR5 6400MHz SO-DIMM
Memory Slots	2
Maximum Memory Supported	96GB
Chipset	MCP
Integrated Graphics	NUCS BOX-255H: Intel® Arc™ 140T graphics, NUCS BOX-225H: Intel® Arc™ 130T graphics
Watchdog Timer	256 Segments, 0, 1, 2, ...255sec
Video	2 x HDMI 2.1 TMDS, 1 x DisplayPort 2.1 (via Thunderbolt 4), 1 x DisplayPort 1.4a (via USB 3.2 Gen2 x2 Type-C)
LAN Ports	1 x Intel® I226LM 2.5 GbE
Storage	1 x M.2 M-Key 2280 PCIe Gen4 x4, 1 x M.2 M-Key 2242 PCIe Gen4 x1
RAID	Intel® VMD RAID 0/1 **supported by identical interface (PCIe) PCIe interface: 2*M.2 Key M

TPM	Intel® PTT (Integrated TPM)
Extended Interface	1 x WiFi 6E 802.11ax + BT 5.3 (M.2 E-Key 2230 PCIe x1)
Front I/O	2 x USB 3.2 Gen 2 (Type-A), 1 x USB4/Thunderbolt 4, 1 x USB 3.2 Gen 2×2 (Type-C), 1 x Audio Jack
Rear I/O	2 x HDMI, 1 x LAN, 2 x USB 3.2 Gen 2 (Type-A), 1 x DC-Jack
Audio	Realtek ALC256 HD Audio
Power Requirement	12 ~ 24V DC Input Jack
Dimensions	4.63" x 4.33" x 1.50" (117.5mm x 110.0mm x 38mm)
Weight	1.0 kg (2.2 lbs)
Mounting	VESA Mount
Operating Temperature	0 ~ 40°C (32 ~ 104°F)
Storage Temperature	-40 ~ 85 °C (-40 ~ 185 °F)
Relative Humidity	5 ~ 90%
OS Software Supported	Windows 10 64-bit, Windows 11 64-bit
Certification	CE, FCC
Global P/N / SKU	1708630

Ordering Options

NUCS BOX-255H (SKU# 1708630A): NUCS System with Intel® Core™ Ultra 7 255H (6P+8E) NUCS BOX-225H (SKU# 1708630B): NUCS System with Intel® Core™ Ultra 5 225H (4P+8E)