NUC 1200 BOX Series
NUC BOX-1260P/ NUC BOX-1240P/ NUC BOX-1220P
Fanned BOX

ASRock Industrial

KEY FEATURES

- Intel® 12th Gen (Alder Lake-P) Core™ Processors
- 2 x 260-pin SO-DIMM up to 64GB DDR4 3200 MHz
- 1 x USB4/Thunderbolt™4, 4 x USB3.2 Gen2, 1 x M.2 Key M,
  1 x M.2 Key E (WiFi-6E), 1 x SATA3
- 2 x Intel 2.5 Gigabit LAN
- Supports Quad display, 1 x HDMI 2.0b, 3 x DP 1.4a (2 from Type C)
- TPM 2.0 onboard IC
- 19V/90W Power Adapter
- 110.0 x 117.5 x 47.85mm, Fanned Barebone

SPECIFICATIONS

Processor System

CPU	Intel® 12th Gen (Alder Lake-P) Core™ Processors
	NUC BOX-1260P(i7-1260P, 4P+8E)
	NUC BOX-1240P(i5-1240P, 4P+8E)
	NUC BOX-1220P(i3-1220P, 2P+8E)
Chipset	MCP
BIOS	AMI SPI 256 Mbit

Memory

Technology	Dual Channel DDR4 3200 MHz
Capacity	64GB (32 GB per DIMM)
Socket	2 x 260-pin SO-DIMM

Graphics

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 1.4a, DP++
	Max resolution up to 4096x2160@60Hz
MultiDisplay	Quad-Display (Included 2 outputs from Type-C)

Expansion Slot

M.2/ WLAN	1 x Wi-Fi 6E 802.11ax (2.4Gbps) + BT 5.2
	(M.2 Key E, 2230 PCIe x1, USB 2.0 for Wireless)

Audio

Interface	Realtek ALC233, High Definition Audio.

Ethernet

Controller/ Speed	Intel® I225LM with 10/100/1000/2500 Mbps
Connector	2 x RJ-45

Storage

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)
SATA	1 x SATA3.0 (6.0 Gb/s)

Front I/O

USB	1 x USB 3.2 Gen2 (Type A)
	1 x USB4/Thunderbolt™ 4 (5V/3A, supports DP1.4a display output)
	*For Thunderbolt support, please refer to support list.
	1 x USB 3.2 Gen2 (Type-C, 5V/3A, supports DP1.4a display output)
Audio	1 (headphone & microphone jack)

Rear I/O

HDMI	1 x HDMI 2.0b
DisplayPort	1 x DP1.4a
Ethernet	2 x 2.5 Gigabit LAN
USB	2 x USB 3.2 Gen2 (Type-A)
DC Jack	1

Watchdog Timer

Output	From Super I/O to drag RESETCON#
Interval	256 Segments, 0, 1, 2, ...255sec

Power Requirements

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

Environment

Operating Temp	0ºC ~ 40ºC
Storage Temp	-40° C ~ 85° C
Operating Humidity	5% ~ 90%
Storage Humidity	5% ~ 90%

Mechanical

Construction	Plastic with sheet metal
Mounting	VESA mounting
Dimensions (W x D x H)	110.0 x 117.5 x 47.85mm
Weight	Net Weight:1.0Kg

Others

OS Support	Windows 10/11
TPM	TPM 2.0 onboard IC
Certifications	CE, FCC Class A
Packing List	1 x 19V/90W Power Adapter
	1 x Screw Package
	1 x VESA mounting bracket

Assured Systems

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