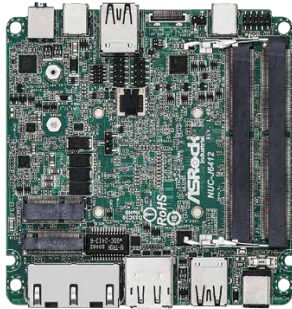




NUC 6000 Motherboard Series

NUC-J6412/NUC-J6426/NUC-N6210/NUC-N6415



KEY FEATURES

NUC Motherboard

- Intel® ElkHart Lake SoC Processors
- 2 x 260-pin SO-DIMM DDR4 3200 MHz, up to 32GB
- 4 x USB 3.2 Gen2, 4 x USB 2.0, 1 x M.2 Key M, 1 x M.2 Key E, 1 x COM, 1 x SATA3
- 2 x Realtek 1 Gigabit LAN
- Supports Dual display, 1 x HDMI 2.0b, 1 x DP 1.2
- TPM 2.0 onboard IC
- 12V~19V DC-In

SPECIFICATIONS

Form Factor

| | |
|------------|--|
| Dimensions | NUC (4.09-in x 4.02-in x 1.4-in, 10.4 cm x 10.2 cm x 3.6 cm) |
|------------|--|

Processor System

| | |
|---------|--|
| CPU | Intel® ElkHart Lake SoC Processors NUC-J6412 (J6412, QC, Max Speed up to 2.6GHz, 10W) NUC-J6426 (J6426, QC, Max Speed up to 3.0GHz, 10W) NUC-N6210 (N6210, DC, Max Speed up to 2.6GHz, 6.5W) NUC-N6415 (N6415, QC, Max Speed up to 3.0GHz, 6.5W) |
| Chipset | SoC |
| BIOS | AMI SPI 256 Mbit |

Memory

| | |
|------------|----------------------------|
| Technology | Dual Channel DDR4 3200 MHz |
| Capacity | 32GB (16 GB per DIMM) |
| Socket | 2 x 260-pin SO-DIMM |

Graphics

| | |
|--------------|--|
| Controller | Intel® Gen 11 Graphics |
| HDMI | HDMI 2.0b Max resolution up to 4096x2160@60Hz |
| DisplayPort | DisplayPort 1.2, DP++ Max resolution up to 4096x2160@60Hz |
| MultiDisplay | Max 2 display |

Expansion Slot

| | |
|-----|---|
| M.2 | 1 x M.2 (Key E, 2230) with PCIe x1, USB 2.0 |
|-----|---|

Audio

| | |
|-----------|--|
| Interface | Realtek ALC233, High Definition Audio. |
|-----------|--|

Ethernet

| | |
|-------------------|---|
| Controller/ Speed | Realtek RTL8111G-CG/RTL8111H-CG with 10/100/1000 Mbps |
| Connector | 2 x RJ-45 |

Front I/O

| | |
|-------|---|
| USB | 1 x USB 3.2 Gen2 (Type-A) 2 x USB 3.2 Gen2 (Type-C) 1 x USB 2.0 |
| Audio | 1 (headphone & microphone jack) |

Rear I/O

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

Internal Connector

| | |
|--------------|---|
| USB | 2 x USB 2.0 (1 x 2.00 pitch header) |
| COM | 1 x COM(RS232/422/485) |
| TPM | TPM 2.0 onboard IC |
| Audio header | line in /out (share with audio Jack, by BIOS setting) |

Storage

| | |
|------|---|
| M.2 | 1 x M.2 (KEY M, 2242/2260/2280) with PCIe x1 and SATA3 for SSD *M.2 Key M 2280(Supported by bracket) |
| SATA | 1 x SATA3.0 (6.0 Gb/s) |

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 | 0°C ~ 60°C |
| Storage Temp | -40° C ~ 85° C |
| Operating Humidity | 5% ~ 90% |
| Storage Humidity | 5% ~ 90% |

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