

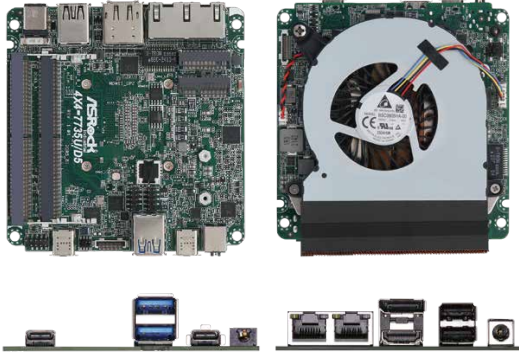
4X4 7000/D5 Motherboard Series

4X4-7735U/D5, 4X4-7535U/D5

4X4 Motherboard

KEY FEATURES

- AMD Ryzen™ 7 7735U/ Ryzen™ 5 7535U
- 2 x 262-pin SO-DIMM up to 64GB DDR5 4800 MHz
- 2 x USB4, 2 x USB 3.2 Gen2, 2 x USB 2.0, 1 x M.2 Key M, 1 x M.2 Key E, 1 x COM, 1 x SATA3
- 1 x Realtek 1 Gigabit LAN (support DASH), 1 x Realtek 2.5 Gigabit LAN
- Supports Quad display, 1 x HDMI 2.1, 3 x DP 1.4a (2 from Type C)
- TPM 2.0 onboard IC
- 12V~19V DC-In



SPECIFICATIONS

Form Factor

| | |
|------------|--|
| Dimensions | 4X4 (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 | AMD Ryzen™ 7 7735U (Max Speed up to 4.75GHz) AMD Ryzen™ 7 7535U (Max Speed up to 4.55GHz) |
| Chipset | SoC |
| BIOS | AMI SPI 256 Mbit |

Memory

| | |
|------------|----------------------------|
| Technology | Dual Channel DDR5 4800 MHz |
| Capacity | 64GB (32 GB per DIMM) |
| Socket | 2 x 262-pin SO-DIMM |

Graphics

| | |
|--------------|---|
| Controller | AMD Radeon™ Graphics |
| HDMI | HDMI 2.1 Max resolution up to 7680 x 4320@60Hz |
| DisplayPort | DisplayPort 1.4a, DP++ Max resolution up to 4096x2160@60Hz |
| MultiDisplay | Max 4 display (Included 2 outputs from type C) |

Expansion Slot

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

Audio

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

Ethernet

| | |
|-------------------|---|
| Controller/ Speed | LAN1: Realtek RTL8125BG with 10/100/1000/2500 Mbps LAN2: Realtek RTL8111EPV with 10/100/1000 Mbps, support DASH function |
| Connector | 2 x RJ-45 |

Front I/O

| | |
|-------|--|
| USB | 2 x USB 3.2 Gen2 (Type A) 2 x USB4 (Type C, Supports DP1.4a display output) |
| Audio | 1 (headphone & microphone jack) |

Rear I/O

| | |
|-------------|--|
| HDMI | 1 x HDMI 2.1 |
| DisplayPort | 1 x DP1.4a |
| Ethernet | 1 x 1 Gigabit LAN, 1 x 2.5 Gigabit LAN |
| USB | 2 x USB 2.0 |
| DC Jack | 1 |

Internal Connector

| | |
|-----|--------------------------------------|
| USB | 2 x USB2.0 (1 x 2.00mm pitch header) |
| COM | 1 x COM(RS-232/422/485) |
| TPM | TPM 2.0 onboard IC |

Storage

| | |
|------|---|
| M.2 | 1 x M.2 (KEY M, 2242/2260/2280) with PCIe Gen4 x 4 for SSD *M.2 Key M 2280(Supported by bracket) |
| SATA | 1 x SATA3.0 (6.0 Gb/s) |

Watchdog Timer

| | |
|-----------------|---|
| Output Interval | From Super I/O to drag RESETCON# 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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