

## 4X4 BOX 7000U/D5 Series

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

**ASRock**  
— Industrial —



### KEY FEATURES

- AMD Ryzen™ 7000U-Series
- 2 x 262-pin SO-DIMM up to 64GB DDR5 4800 MHz
- 2 x USB4, 1 x USB 3.2 Gen2, 2 x USB 2.0, 1 x M.2 Key M, 1 x M.2 Key E (WiFi-6E Module), 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
- 19V, 120/90W Power Adapter
- 110.0 x 117.5 x 47.85mm, Fanned Barebone

### SPECIFICATIONS

#### Processor System

|         |                                                                                                                                                  |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| CPU     | 4X4 BOX-7735U/D5 (AMD Ryzen™ 7 7735U, 8Cores, Max Speed up to 4.75GHz)<br>4X4 BOX-7535U/D5 (AMD Ryzen™ 5 7535U, 6Cores, 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<br>Max resolution up to 7680 x 4320@60Hz             |
| DisplayPort  | DisplayPort 1.4a, DP++<br>Max resolution up to 4096x2160@60Hz |
| MultiDisplay | Max 4 display (Included 2 outputs from Type C)                |

#### Expansion Slot

|           |                                                                                                                                                           |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| M.2/WLAN  | 1 x Wi-Fi 6E 802.11ax + BT 5.2<br>(M.2 Key E, 2230 PCIe x1, USB 2.0 for Wireless)<br>* WiFi throughput speed depends on actual environment and equipment. |
| Bluetooth | 5.2                                                                                                                                                       |

#### Audio

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

#### Ethernet

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

#### Storage

|      |                                                                                                    |
|------|----------------------------------------------------------------------------------------------------|
| M.2  | 1 x M.2 (Key M, 2242/2260/2280) with PCIe Gen4 x4 for SSD<br>*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)<br>2 x USB4 (5V/3A, 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                                      |

#### 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<br>- AT : Directly PWR on as power input ready<br>- ATX : Press button to PWR on after power input ready |

#### Environment

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

#### Mechanical

|                        |                         |
|------------------------|-------------------------|
| Construction           | Plastic                 |
| Mounting               | VESA mounting           |
| Dimensions (W x D x H) | 110.0 x 117.5 x 47.85mm |
| Weight                 | Net Weight: 1kg         |

#### Others

|                |                                                                                                                         |
|----------------|-------------------------------------------------------------------------------------------------------------------------|
| OS Support     | Windows 10/11                                                                                                           |
| TPM            | TPM 2.0 onboard IC                                                                                                      |
| Certifications | CE, FCC                                                                                                                 |
| Packing List   | 19V/120W Power Adapter (R7 7735U)<br>19V/90W Power Adapter (R5 7535U)<br>1 x Screw Package<br>1 x VESA mounting bracket |

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