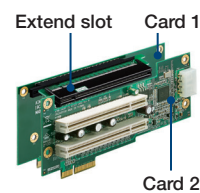
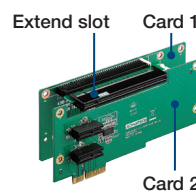
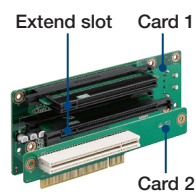
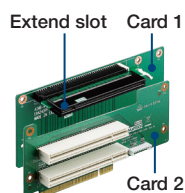


# Riser Cards & Add on Cards



## Selection Guide

| Module Name     |          | AIMB-RP10P-01A1E | AIMB-RP30P-03A1E | AIMB-R4104-01A1E | AIMB-R430P-03A2E | AIMB-R4301-03A1E |
|-----------------|----------|------------------|------------------|------------------|------------------|------------------|
| Interface       |          | PCI              | PCI              | PCIe x 4         | PCIe x 4         | PCIe x 4         |
| Expansion Slots |          | 1 PCI            | 3 PCI            | 1 PCIe x 4       | 3 PCI            | 3 PCIe x 1       |
| Chassis         | 1U       | Yes              | -                | Yes              | -                | -                |
|                 | 2U       | -                | Yes              | -                | Yes              | Yes              |
| ATX             | AIMB-785 | -                | -                | Yes              | Yes              | △                |
|                 | AIMB-784 | -                | -                | -                | -                | -                |
|                 | AIMB-782 | -                | -                | -                | Yes              | -                |
|                 | AIMB-781 | -                | -                | Yes              | Yes              | Yes              |
|                 | AIMB-780 | Yes              | Yes              | -                | -                | -                |
|                 | AIMB-705 | Yes              | Yes              | -                | -                | -                |
|                 | AIMB-701 | -                | -                | Yes              | Yes              | △                |
|                 | AIMB-769 | -                | -                | Yes              | Yes              | △                |
| Micro ATX       | AIMB-585 | -                | -                | Yes              | Yes              | Yes              |
|                 | AIMB-584 | Yes              | Yes              | -                | -                | -                |
|                 | AIMB-582 | Yes              | Yes              | -                | -                | -                |
|                 | AIMB-581 | Yes              | Yes              | -                | -                | -                |
|                 | AIMB-580 | Yes              | Yes              | -                | -                | -                |
|                 | AIMB-567 | Yes              | Yes              | -                | -                | -                |
|                 | AIMB-505 | Yes              | Yes              | -                | -                | -                |
|                 | AIMB-503 | Yes              | Yes              | -                | -                | -                |
|                 | AIMB-502 | Yes              | Yes              | -                | -                | -                |
|                 | AIMB-501 | Yes              | Yes              | -                | -                | -                |



| Module Name     |          | AIMB-RP3PF-21A1E |        | AIMB-RP3P8-12A1E |        | AIMB-R431F-21A1E |            | AIMB-R43PF-21A1E |          |
|-----------------|----------|------------------|--------|------------------|--------|------------------|------------|------------------|----------|
| Riser card type |          | card 1           | card 2 | card 1           | card 2 | card 1           | card 2     | card 1           | card 2   |
| Interface       |          | PCIe x 16        | PCI    | PCIe x 16        | PCI    | PCIe x 16        | PCIe x 4   | PCIe x 16        | PCIe x 4 |
| Expansion Slots |          | 1 PCIe x 16      | 2 PCI  | 2 PCIe x 8       | 1 PCI  | 1 PCIe x 16      | 2 PCIe x 1 | 1 PCIe x 16      | 2 PCI    |
| Chassis         | 1U       | -                | -      | Yes              | -      | -                | -          | -                | -        |
|                 | 2U       | Yes              | -      | -                | -      | Yes              | -          | Yes              | -        |
| ATX             | AIMB-785 | -                | -      | -                | -      | □                | -          | Yes              | -        |
|                 | AIMB-784 | -                | -      | -                | -      | □                | -          | Yes              | -        |
|                 | AIMB-782 | -                | -      | -                | -      | □                | -          | Yes              | -        |
|                 | AIMB-781 | -                | -      | Yes (WG2 Only)*  | -      | Yes              | -          | Yes              | -        |
|                 | AIMB-780 | Yes              | -      | -                | -      | -                | -          | -                | -        |
|                 | AIMB-705 | Yes              | -      | -                | -      | -                | -          | -                | -        |
|                 | AIMB-701 | -                | -      | -                | -      | -                | -          | -                | -        |
|                 | AIMB-769 | -                | -      | -                | -      | -                | -          | -                | -        |
| Micro ATX       | AIMB-585 | -                | -      | -                | -      | -                | -          | -                | -        |
|                 | AIMB-584 | Yes              | -      | Yes (WG2 Only)*  | -      | -                | -          | -                | -        |
|                 | AIMB-582 | Yes              | -      | Yes (WG2 Only)*  | -      | -                | -          | -                | -        |
|                 | AIMB-581 | Yes              | -      | Yes (WG2 Only)*  | -      | -                | -          | -                | -        |
|                 | AIMB-580 | Yes              | -      | -                | -      | -                | -          | -                | -        |
|                 | AIMB-567 | Yes              | -      | -                | -      | -                | -          | -                | -        |
|                 | AIMB-505 | Yes              | -      | -                | -      | -                | -          | -                | -        |
|                 | AIMB-503 | Yes              | -      | -                | -      | -                | -          | -                | -        |
|                 | AIMB-502 | Yes              | -      | -                | -      | -                | -          | -                | -        |
|                 | AIMB-501 | Yes              | -      | -                | -      | -                | -          | -                | -        |

Yes: Fully compatible

□: Only the PCIe x 16 and PCIe x 1 (bottom slot) connectors work.

△: Only one PCIe x 1 connector works (bottom slot).

## Riser Cards & Add on Cards

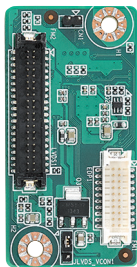


### Selection Guide

| Module Name     |          | AIMB-RF10F-01A1E | AIMB-RF20F-02A1E            | AIMB-R1201-02A1E             |
|-----------------|----------|------------------|-----------------------------|------------------------------|
| Interface       |          | PCIe x 16        | PCIe x 16                   | PCIe x 1                     |
| Expansion Slots |          | 1 PCIe x 16      | 2 PCIe x 8 (PCIe x 16 slot) | PCIe x 1 (one time one slot) |
| Chassis         | 1U       | Yes              | -                           | -                            |
|                 | 2U       | -                | Yes                         | -                            |
| Micro ATX       | AIMB-585 | Yes              | Yes*                        | -                            |
|                 | AIMB-584 | Yes              | Yes (WG2 Only)*             | -                            |
|                 | AIMB-582 | Yes              | Yes (WG2 Only)*             | -                            |
|                 | AIMB-581 | Yes              | Yes (WG2 Only)*             | -                            |
|                 | AIMB-580 | Yes              | -                           | -                            |
|                 | AIMB-567 | Yes              | -                           | -                            |
|                 | AIMB-505 | Yes              | -                           | -                            |
|                 | AIMB-503 | Yes              | -                           | -                            |
|                 | AIMB-502 | Yes              | -                           | -                            |
|                 | AIMB-501 | Yes              | -                           | -                            |
| Mini ITX        | AIMB-242 | Yes              | Yes*                        | -                            |
|                 | AIMB-275 | Yes              | Yes (G2/VG Only)*           | -                            |
|                 | AIMB-226 | -                | -                           | Yes                          |

\* If use with STD chassis, need to buy 2 extension card. P/N:989243PF20E

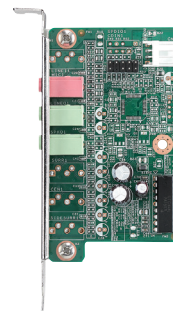
### Add on Card



#### AIMB-LVDS2-00A1E

- Pull out a LVDS from eDP
- Resolution up to 1920 x 1200
- Dimensions: 47.5 x 80.74 mm

Note: Requires customized BIOS and BOM change to support for AIMB-215/AIMB-216



#### AIMB-AUDIO-HDA1E

- 5.1/7.1 Channel HD Audio Extension Module
- Pull out Mic-in, Lin-out from on board front panel (FPAUD)
- Dimensions: 47.5 x 80.74 mm

# Mouser Electronics

Authorized Distributor

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[AIMB-R4301-03A1E](#)