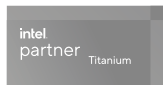


# MVP-6200 Series

12/13th Generation Intel®  
 Processor-Based Expandable  
 Modular Industrial Computers



## Features

- 12th generation Intel® Alder Lake-S socket type processor (LGA 1700)
- Microsoft® Windows® or Linux® Ubuntu operating system option
- Rugged, fanless design for 24/7 operation
- Wide-temp operation from -20°C to 60°C
- Scalable with ADLINK AFM (Adaptive Function Module) slot, offering custom I/O arrangement and fast application-specific access
- Flexible modular expansion support
- Front accessible I/O ports, wall mounting supported

## Ordering Information

### MVP-624x Series 4 expansion slots

MVP-6249/M32G	i9-12900E, R680E, 1x PCIe x16, 2x PCIe x4, 1x PCI, 2x DP, 2x HDMI, 3x 2.5GbE, 1x GbE, 4x COM, 4x USB3Gen2, 2x USB3Gen1, USB 2 dongle, 8DI/8DO, 2x USIM, TPM2.0, M.2 (A,B,M), 2x 2.5" SATA, 1x DDR5 32GB
MVP-6247/M32G	i7-12700E, R680E, 1x PCIe x16, 2x PCIe x4, 1x PCI, 2x DP, 2x HDMI, 3x 2.5GbE, 1x GbE, 4x COM, 4x USB3Gen2, 2x USB3Gen1, USB 2 dongle, 8DI/8DO, 2x USIM, TPM2.0, M.2 (A,B,M), 2x 2.5" SATA, 1x DDR5 32GB
MVP-6247T/M32G	i7-12700TE, R680E, 1x PCIe x16, 2x PCIe x4, 1x PCI, 2x DP, 2x HDMI, 3x 2.5GbE, 1x GbE, 4x COM, 4x USB3Gen2, 2x USB3Gen1, USB 2 dongle, 8DI/8DO, 2x USIM, TPM2.0, M.2 (A,B,M), 2x 2.5" SATA, 1x DDR5 32GB
MVP-6245T/M16G	i5-12500TE, R680E, 1x PCIe x16, 2x PCIe x4, 1x PCI, 2x DP, 2x HDMI, 3x 2.5GbE, 1x GbE, 4x COM, 4x USB3Gen2, 2x USB3Gen1, USB 2 dongle, 8DI/8DO, 2x USIM, TPM2.0, M.2 (A,B,M), 2x 2.5" SATA, 1x DDR5 16GB

## Ordering Information

### MVP-622x Series 2 expansion slots

MVP-6229/M32G	i9-12900E, R680E, 1x PCIe x16, 1x PCI, 2x DP, 2x HDMI, 3x 2.5GbE, 1x GbE, 4x COM, 4x USB3Gen2, 2x USB3Gen1, USB 2 dongle, 8DI/8DO, 2x USIM, TPM2.0, M.2 (A,B,M), 2x 2.5" SATA, 1x DDR5 32GB
MVP-6227/M32G	i7-12700E, R680E, 1 PCIe x16 + 1 PCI slots, 2x DP, 2x HDMI, 3x 2.5GbE, 1x GbE, 4x COM, 4x USB3 Gen2, 4x USB3 Gen1, USB 2 dongle, 8DI/8DO, 2x USIM, TPM2.0, M.2 (A,B,M), 2x 2.5" SATA, 1x DDR5 32GB
MVP-6227T/M32G	i7-12700TE, R680E, 1x PCIe x16, 1x PCI, 2x DP, 2x HDMI, 3x 2.5GbE, 1x GbE, 4x COM, 4x USB3Gen2, 2x USB3Gen1, USB 2 dongle, 8DI/8DO, 2x USIM, TPM2.0, M.2 (A,B,M), 2x 2.5" SATA, 1x DDR5 32GB
MVP-6225T/M16G	i5-12500TE, R680E, 1x PCIe x16, 1x PCI, 2x DP, 2x HDMI, 3x 2.5GbE, 1x GbE, 4x COM, 4x USB3Gen2, 2x USB3Gen1, USB 2 dongle, 8DI/8DO, 2x USIM, TPM2.0, M.2 (A,B,M), 2x 2.5" SATA, 1x DDR5 16GB

## Optional Accessories

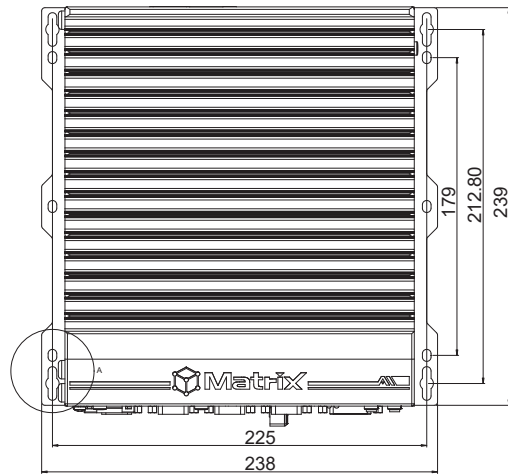
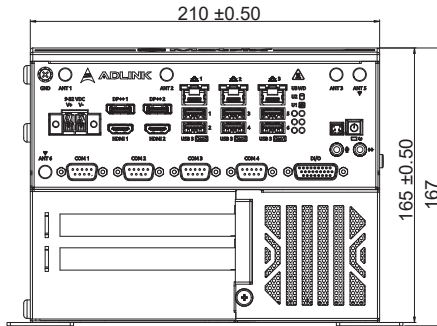
AC/DC Adapter 280W (P/N: 31-62162-1010-A0)

MVP-6200	
<b>System</b>	<b>Extension Slots</b>
CPU	12th Gen. Intel® Celeron® or Core™ i3/ i5/ i7/ i9, up to 65W
RAM	M.2
Storage	1x A+E Key 2230, 1 x B Key 3052/3042, and 1x M Key 2280
OS	Optional Windows 10 IoT Enterprise 64-bit or Ubuntu 20.04
TPM	TPM 2.0 support
<b>I/O Ports</b>	<b>Power Supply</b>
Control Button	DC Input
HDMI	9 to 32V, 280W adapter (optional)
DisplayPort	<b>Mechanical</b>
USB	Dimensions (W x D x H)
Ethernet (LAN A/B/C)	2 slots: 165mm x 240mm x 210mm (6.5" x 9.45" x 8.27")
COM	4 slots: 206mm x 240mm x 210mm (8.11" x 9.45" x 8.27")
Digital	Weight
Audio	With 2 slots: 5.01 kg (11.04 lbs)
Backplane Extension	With 4 slots: 5.4 kg (11.8 lbs)
SMA Antenna Connector	Mounting
LED Indicator	Wall mountable
	<b>Environmental</b>
	Operating Temperature
	-20°C to 60°C (35W CPU)
	-20°C to 50°C (65W CPU)
	Operating Humidity
	~95% @ 40°C (non-condensing)
	Storage Temperature
	-40°C to 85°C
	Operating Vibration
	Operating: 5Grms, random, 5-500Hz, 3 axes (w/SSD)
	Operating Shock
	Operating: 50G, half sine 11ms duration (w/SSD)
	ESD
	Contact +/-4KV, Air +/-8KV
	Regulatory
	EN61000-6-4/-2, CE & FCC Class A, UL/cUL, CB, CCC

## I/O View and Dimensions

## Dimensions with Bracket

### 2 Slots



### 4 Slots

