

# AREMO-6182

6-slot full-size industrial node chassis (Shoe-box)



AREMO-6182 is designed for PICMG 1.0/1.3 with 6-slot backplane that is 4U full size industrial node chassis built with one 5.25" HDD driver space for CD/DVD-ROM, one internal 3.5" HDD driver bays and replaceable air filter for easy maintenance. AREMO-6182 equips two USB interface on front panel, and also high wattage 1U form factor PSU. The compact size feature of AREMO-6182 is suitable for Industrial and Engineering applications.

## FEATURES

- One external 5.25" and one 3.5" internal HDD drive bay
- One replaceable air filter for easy cleaning
- Can be vertically or horizontally mounted, easy to fit into space limited environment
- One 12cm ball-bearing cooling fan for better ventilation
- The fan filter panel can be installed in different directions
- Two adjustable positions for hold-down card retainers provide better protection from vibration
- Wall-mounting bracket equipped
- Both 6-slot PICMG 1.0 or 1.3 backplane applicable; easy to change different backplanes

## ORDERING GUIDE

- **AREMO-6182/B**  
6-slot full-size industrial black node chassis adapted with 6-slot PICMG backplane

## GENERAL

Construction	Heavy-duty steel
Drive Bay	External: 1x 5.25" Internal: 2x 3.5" HDD
Card Retainer	Two locations for one card retainer
Air Filter	One replaceable air filter at the front door
Cooling Fan	One 12cm ball-bearing fan
Indicator	1x Power On/Off, 1x HDD
Switch	1x Power On/Off, 1x System reset
Speaker	One 8Ω speaker
Connector	2x USB ports on the front panel
Standard Color	Black, Silver
Dimension	219(W) x 448(D) x 160(H) mm; 8.6"(W) x 17.6"(D) x 6.3"(H)
Weight	Net: 6.5 kg (14.3 lb); Gross: 8.0 kg (17.6 lb)
Backplane	PBP-06P4: 6-slot [PCIe (1), PCI (4), PCI (0)] PICMG 1.0 backplane PBP-06P3: 6-slot [PCIe (2), PCI (3), PCI (0)] PICMG 1.0 backplane PBP-06P2: 6-slot [PCIe (3), PCI (2), PCI (0)] PICMG 1.0 backplane

## POWER SUPPLY

Maximum output	350W active PFC
Output Voltage & Current	+5V@18A; +12V1@16A; +12V2@16A; +3.3V@16A; -12V@0.3A, -5V@0.3A, +5Vsb@2.5A
Input Voltage	90V ~ 264V AC, full range
Input Frequency	47 ~ 63Hz
Input Current	6A@115V, 3A@230V
Efficiency	> 80%
MTBF	100,000 hrs
EMI & Safety Approval	UL, TUV, CE, FCC, CB
Temperature/Humidity	Operating: 0°C ~ 50°C, 5% ~ 90%RH Storage: -20°C ~ 80°C, 5% ~ 95%RH

## ENVIRONMENT

Operating Temperature	0°C ~ 55°C
Storage Temperature	-20°C ~ 80°C
Relative Humidity	5% ~ 95%, non-condensing
Vibration	5~7 Hz: 0.5" double amplitude displacement 7~2000 Hz: 1.5g acceleration

FEATURE	BENEFITS
<ul style="list-style-type: none"> <li>One 5.25" drive bay for EZDRV</li> </ul>	<ul style="list-style-type: none"> <li>For both CD-ROM and FDD support or Hot-swappable HDD</li> </ul>
<ul style="list-style-type: none"> <li>One replaceable air filter</li> </ul>	<ul style="list-style-type: none"> <li>For easy cleaning</li> </ul>
<ul style="list-style-type: none"> <li>Can be vertically or horizontally mounted</li> </ul>	<ul style="list-style-type: none"> <li>Easy to fit into different space limited environment</li> </ul>
<ul style="list-style-type: none"> <li>Two adjustable positions for hold-down card retainer</li> </ul>	<ul style="list-style-type: none"> <li>For fixing all the cards more flexibly and tightly</li> </ul>
<ul style="list-style-type: none"> <li>Both 6-slot ISA and PICMG backplane applicable</li> </ul>	<ul style="list-style-type: none"> <li>Easy to change to different backplane and keep stock</li> </ul>
<ul style="list-style-type: none"> <li>Field replaceable power supply bracket for both normal PS/2 power supply and PS/2 type redundant power supply</li> </ul>	<ul style="list-style-type: none"> <li>For ease of maintenance</li> </ul>
<ul style="list-style-type: none"> <li>Removable fan kit</li> </ul>	<ul style="list-style-type: none"> <li>Easy to replace the broken fan</li> </ul>

## REFINEMENT



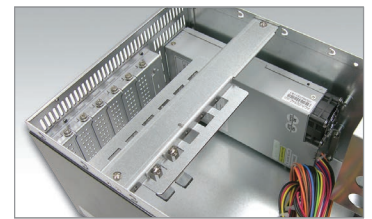
### Plastic Fan Filter

For easy cleaning and replacing



### Can be Mounted in Different Styles

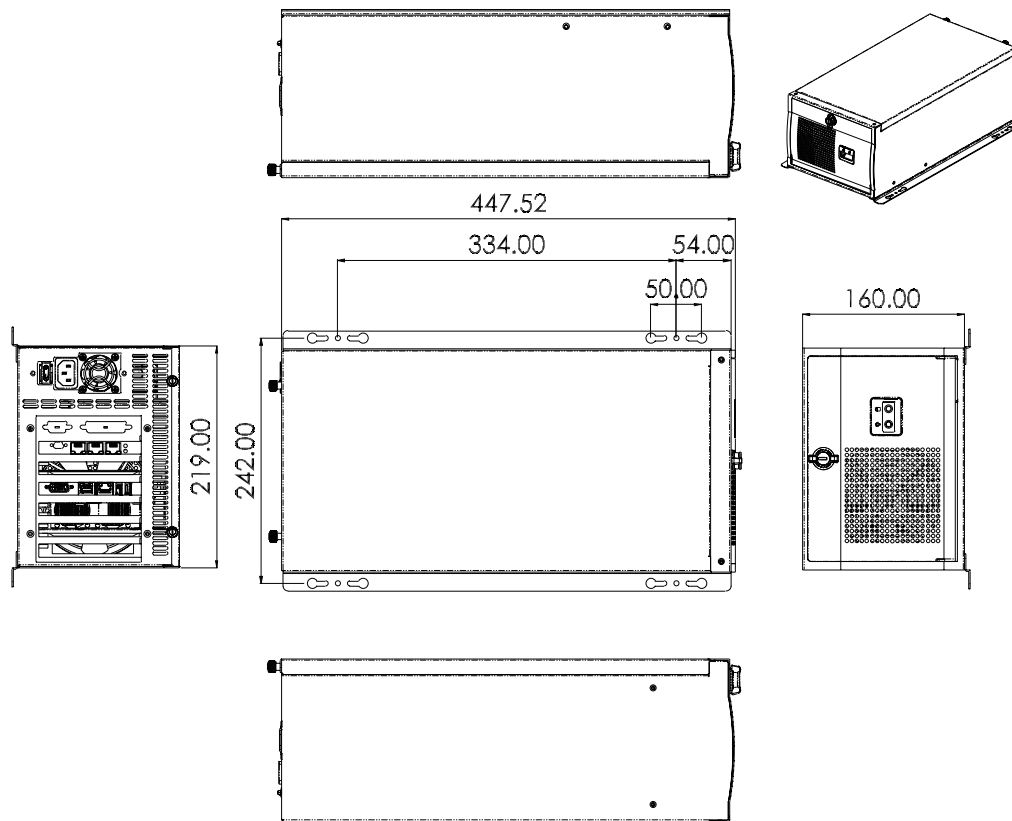
AREMO-6182 can be either vertically or horizontally installed



### Dual Card Retainers

It has two positions for card clamps to hold both PCI and ISA cards tightly

## MECHANICAL DRAWING



Unit: mm