

# AREMO-3194

19" 3U rack-mount chassis for ATX M/B platform



AREMO-3194-MX and AREMO-3194E-MX is designed for ATX form factor mother board within 19" 3U Rack-mount. It builds two USB interface and replaceable filter on front panel. There are two color selections, silver and black for customized demanding. AREMO-3194 series can provide efficient system assembly in Industrial and Server applications.

## FEATURES

- IEEE 1394 port and two USB ports on the front panel
- Dedicated cooling fans for expiring the heat on the hot spots within the chassis
- Dustproof front-access air filter for easy cleaning and replacing
- Lockable front door provides greater security
- Thumb lock for greater security and to operate system more easily

## ORDERING GUIDE

- **AREMO-3194-MX**  
19" 3U rack-mount chassis for ATX M/B
- **AREMO-3194-MX/B**  
19" 3U black rack-mount chassis for ATX M/B
- **AREMO-3194E-MX**  
19" 3U rack-mount chassis for ATX M/B
- **AREMO-3194E-MX/B**  
19" 3U black rack-mount chassis for ATX M/B

## GENERAL

|                |  |
|----------------|--|
| Construction   | Heavy-duty steel   |
| Drive Bay      | External: 2x 5.25"+1x 3.5"; Internal: 1x 3.5"                    |
| Air Filter     | Two replaceable air filters at the front                         |
| Cooling Fan    | Two 8 cm ball-bearing cooling fans                               |
| Indicator      | 1x Power On/Off, 1x HDD  |
| Switch         | 1x Power On/Off, 1x System reset                                 |
| Speaker        | One 8Ω speaker   |
| Connector      | 2x USB ports and 1x IEEE 1394 port on the front panel            |
| Standard Color | Silver, Black  |
| Dimension      | 481.6(W) x 487.8(D) x 132.6(H) mm ; 19"(W) x 19.2"(D) x 5.22"(H) |
| Weight         | Net: 16 kg (35.3 lb) ; Gross: 18 kg (39.7 lb)                    |
| M/B            | Micro-ATX, ATX   |

## POWER SUPPLY

PLUTO-D3501PJ optional for AREMO-3194E-MX

|                          |  |
|--------------------------|--|
| Maximum output           | 350W active PFC  |
| Output Voltage & Current | +5V@12A; +12V1@18A; +12V2@18A; +3.3V@18A; -12V@0.3A, +5Vsb@2.5A          |
| Input Voltage            | 90V ~ 264V AC, full range  |
| Input Frequency          | 50 ~ 60Hz  |
| Input Current            | 8A@115V, 8A@230V   |
| Efficiency               | > 80%  |
| MTBF                     | 100,000 hrs  |
| EMI & Safety Approval    | UL, TUV, CE, FCC, CB, VCCI, 80PLUS                                       |
| Temperature/Humidity     | Operating: 5°C ~ 50°C, 20% ~ 85%RH<br>Storage: -40°C ~ 70°C, 10% ~ 95%RH |
| Dimension (WxDxH)        | 150 x 140 x 86 mm; 5.9" x 5.5" x 3.4"                                    |

## 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<br>7~2000 Hz: 1.5g acceleration |

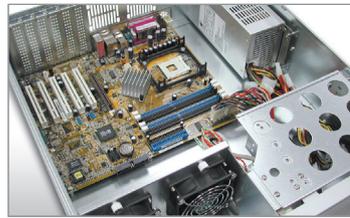
| FEATURE  | BENEFITS   |
|--|--|
| <ul style="list-style-type: none"> <li>350W Active PFC power supply</li> </ul>                       | <ul style="list-style-type: none"> <li>Sufficient power source for Intel® Desktop Platform</li> </ul>                    |
| <ul style="list-style-type: none"> <li>Cooling tunnel design</li> </ul>                              | <ul style="list-style-type: none"> <li>Better ventilation to enhance system reliability</li> </ul>                       |
| <ul style="list-style-type: none"> <li>More expansion slots</li> </ul>                               | <ul style="list-style-type: none"> <li>Support up to six expansion and one AGP slots for higher expansibility</li> </ul> |
| <ul style="list-style-type: none"> <li>Two USB and one IEEE 1394 ports on the front panel</li> </ul> | <ul style="list-style-type: none"> <li>Easy to operate the system</li> </ul>   |
| <ul style="list-style-type: none"> <li>Lockable front door</li> </ul>                                | <ul style="list-style-type: none"> <li>Provide better security</li> </ul>  |
| <ul style="list-style-type: none"> <li>Front replaceable air filters</li> </ul>                      | <ul style="list-style-type: none"> <li>For easy cleaning</li> </ul>  |

## REFINEMENT



### Excellent In-System Cooling

Two 8cm ball-bearing fans provide better ventilation and keep smooth airflow



### PCI Slots Expansion

PCI Slot expansion slots for adding more functions to the system



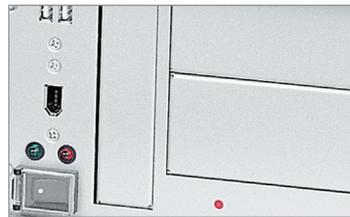
### Front Replaceable Air Filters

Convenient to change air filters when needed



### Lockable Front Door and Thumb Lock

Provide better security and operate the system more easily



### Protection Cap and Touch-Free Reset Switch

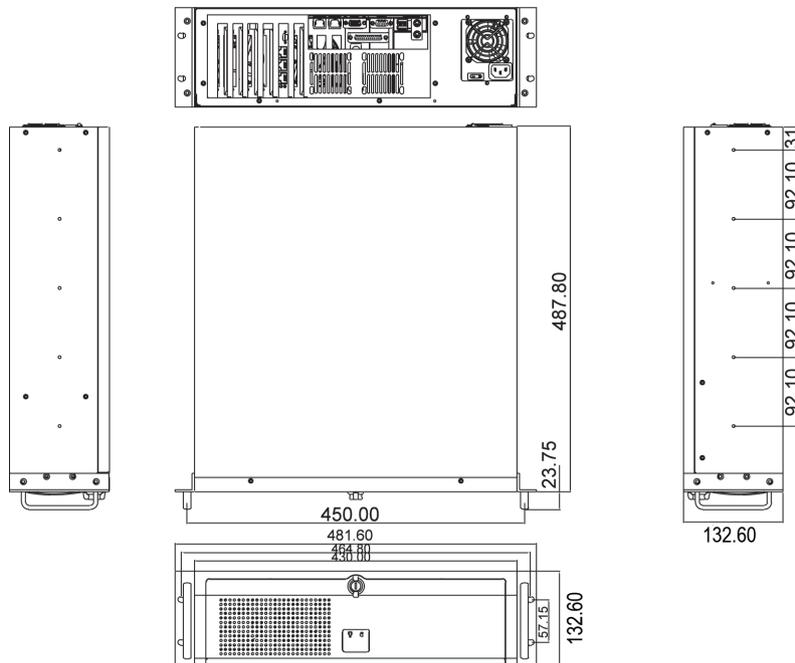
Avoid abnormal operation and increase system reliability



### Excellent Cooling System

New slot cover and air holes for better ventilation

## MECHANICAL DRAWING



Unit: mm