

**IPC-510**



**Economical 4U Rackmount Chassis with Front-Accessible USB and PS/2 Interfaces**

**Features**

**** Most cost-effective rackmount chassis

**** Supports PS/2 single power supply

**** Easy-to-install front-accessible drive bays hold 3 x 5.25" and 2 x 3.5" drives(1 x front-accessible and 1 x internal)

**** Front-accessible USB and PS/2 interfaces

**Specifications**



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | External | Internal |  |
| Drive Bay | 5.25" | 3 | - |  |
|  | 3.5" | 1 | 1 |  |
| Cooling | Fan | 1 (12 cm/77 CFM) |  |  |
| Air Filter | Yes |  |  |
|  |  |  |
| Front I/O | USB | 2 |  |  |
| PS/2 | 1 |  |  |
|  |  |  |
| Miscellaneous | LED Indicators | Power and HDD activity |  |  |
| Rear Panel | Motherboard version: 1 x 9-pin D-Sub and 1 x 68-pin SCSI openings |  |
|  |  |
|  |  | Operating | Non-Operating |  |
|  | Temperature | 0 ~ 40 °C (32 ~ 104 °F) | -20 ~ 60 °C (-4 ~ 140 °F) |  |
| Environment | Humidity | 10 ~ 85% @ 40 °C, non-condensing | 10 ~ 95% @ 40 °C, non-condensing |  |
|  | Vibration (5 ~ 500 Hz) | 1 Grms | 2 G |  |
|  | Shock | 10 G (with 11 ms duration, half sine wave) |  |  |
| Physical Characteristics | Dimensions (W x H x D) | 481 x 175 x 446 mm (19 x 7 x 17.6") |  |  |
| Weight | 10.7 kg (23.5 lb) |  |  |
|  |  |  |



Easy Maintenance



Cooling Fan

Reset

Button

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  | Motherboard |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | HDD | LED | Power Switch | 1 x 3.5" Drive Bay | 3 x 5.25" Drive Bays |  |
|  |  |  |  |  |  |  |  |  |  |  |  | (fits 450 mm/17.7" depth) |  |
|  |  |  |  |  |  |  |  |  |  | 1 x 3.5" Internal Drive Bay Space |  |
| USB and PS/2 Power LED |  |  |
|  |  |  |  |



Black Version



**Industrial Chassis**

All product specifications are subject to change without notice. Last updated: 5-Aug-2019

**IPC-510**

**Dimensions**



Unit: mm [inch]



|  |  |  |
| --- | --- | --- |
| 426. [16.79]5 | 464. [18.30]9 | 0481. [18.94] |

101.6 [4.00]

485.7 [19.12]  174.9 [6.89] 



446.2 [17.57]

|  |  |
| --- | --- |
| 172. [6.80]7 | 786. [3.42] |

92.0  92.0  92.0  92.0 41.9

[3.62] [3.62] [3.62] [3.62] [1.65]

**Ordering Information**



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Part Number** | **Color** | **Power Supply** | **Wattage** | **Switch Type** |
| **Backplane Version** |  |  |  |  |
| IPC-510BP-30CE | Beige | PS8-300ATX-ZBE | 300W | ATX |
| IPC-510BP-30ZCE | Black | PS8-300ATX-ZBE | 300W | ATX |
| IPC-510BP-40ZCE | Black | PS8-400ATX-ZE | 400W | ATX |
| **Motherboard Version** |  |  |  |  |
| IPC-510MB-30CE | Beige | PS8-300ATX-ZBE | 300W | ATX |
| IPC-510MB-40CE | Beige | PS8-400ATX-ZE | 400W | ATX |
| IPC-510MB-30ZCE | Black | PS8-300ATX-ZBE | 300W | ATX |
| IPC-510MB-40ZCE | Black | PS8-400ATX-ZE | 400W | ATX |

**Optional Accessories**



|  |  |  |
| --- | --- | --- |
| **Part Number** | **Description** |  |
| IPC-DT-3120E | Mobile rack for converting one 3.5" drive bay into two |  |
| 2.5" SATA HDD trays |  |
|  |  |
| IPC-DT-5230E | Mobile rack for converting two 5.25" drive bays into |  |
| three 3.5" SATA HDD trays |  |
|  |  |

**Spare Parts**



|  |  |
| --- | --- |
| **Part Number** | **Description** |
| 2130018002T000 | Fan filter 120 x 100 x 15 mm |

**Online Download** www.advantech.com/products