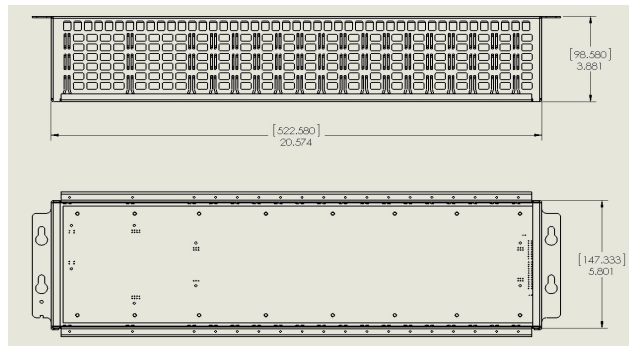
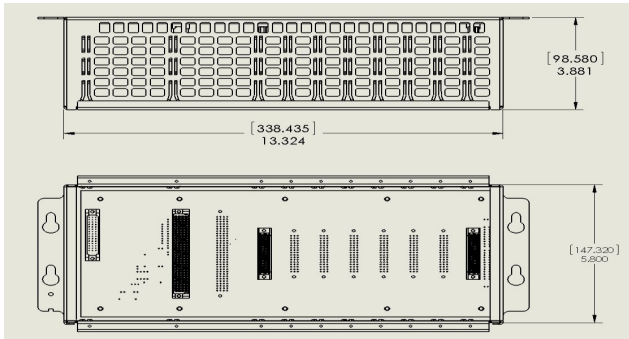




2500 Series Compact System



2500C-R8 and R16 System Chassis



2500C-R8 Chassis Specifications	
2500C-R8 Size	13.32"W x 3.88"D x 5.8" H 338.44mm W x 9.85mm D x 147.32mm H
2500C-R8 Wattage Rating	28 Watts
2500C-R8 Shipping Weight	3.0 lb (1.37 kg)

2500C-R16 Chassis Specifications	
2500C-R16 Size	20.574"W x 3.88"D x 5.8" H 522.58mm W x 9.85mm D x 147.32mm H
2500C-R16 Wattage Rating	35 Watts
2500C-R16 Shipping Weight	4.0 lb (1.181 kg)

2500C Common Specifications	
Operating Temp	0°C to 60°C (32°F to 140°F)
Storage Temp	-40°C to 85°C (-40°F to 185°F)
Relative Humidity	5% to 95% (non-condensing)
Agency Approvals Pending	UL, ULC, FM(Class 1, Div 2), CE

DESCRIPTION

The 2500C Compact System Chassis provides 8 or 16 IO slots for Compact IO modules. All chassis provide a Power Supply and Base Controller slot as well as the IO slots. The chassis design allows for rear panel or subpanel mounting.

The chassis backplane provides an additional high speed data exchange backplane which supports all the Compact System's advanced modules and coprocessor modules.

This high speed data transfer backplane uses the first 8 IO slots in the chassis and is incorporated into the same backplane connector as the standard IO backplane.

FEATURES

- 8 and 16 IO slot chassis
- Subpanel mounted
- Passive Backplane Design for reliability
- All chassis support the high speed data transfer channel
- Sourcing or sinking Inputs
- Aluminum construction protects against corrosion and keeps chassis weight at a minimum



Note:

It is very important that the chassis be grounded to earth using the ground lug shown above. The ground lug can be found on the lower left corner of the mounting flanges.

- Ensure that the ground wire resistance is less than 0.1ohm.
- Use the shortest possible length of #8-gauge copper wire to make the ground connection.

Chassis

Specifications

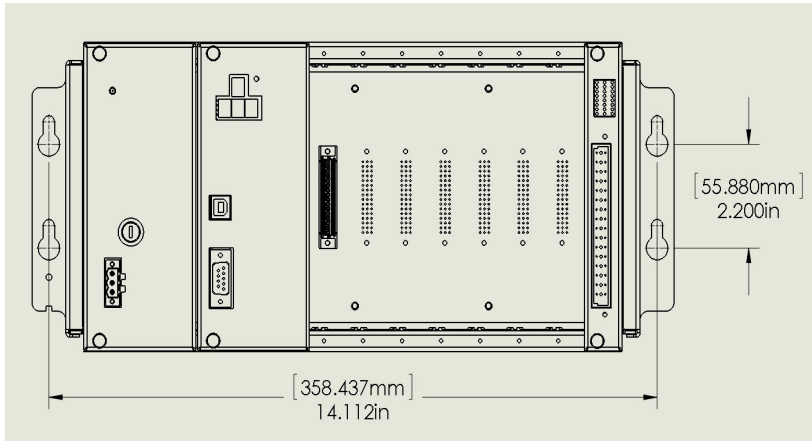


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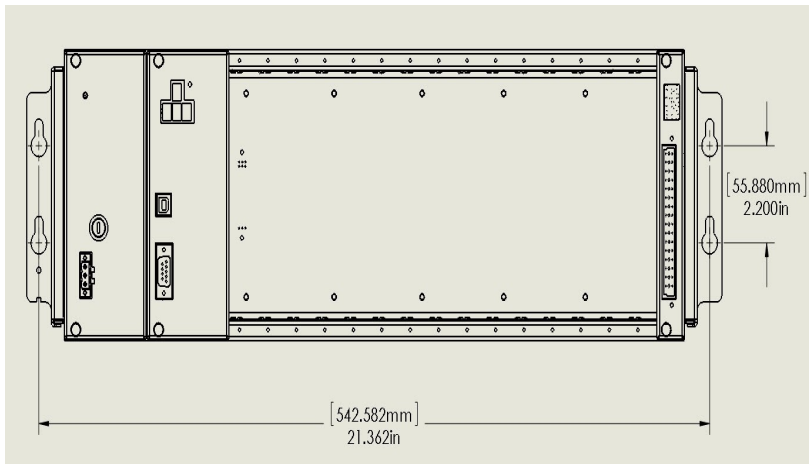
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2500C-R8 and R16 System Chassis



**2500C-R8
Mounting Hole Dimensions**



**2500C-R16
Mounting Hole Dimensions**

Mounting or Installing the 2500C Chassis

1. Mark the location of the base on the mounting panel surface including the mounting holes for the mounting ears.
2. There are 2 mounting ears. One found on each side of the chassis. Each of the ears provide two mounting hole locations which must be attached to the mounting panel using a bolt and nut or metal screws either self tapping or screwed into a drilled and tapped hole.
3. A minimum clearance of 3" should be allowed above and below the chassis to maximize convection airflow cooling.
4. Follow the instructions for mounting power supplies, CPUs or RBCs as well as all IO modules.
5. The 2500C Chassis must be mounted in an appropriate enclosure based on the user environmental requirements.



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