

**Step 1-** The TS-2XRS-Ultra rack mount kit only uses 3U of rack space. If the cage nut option was added, install the 14 cage nuts at the indicated locations on the front and rear rack rails. If your rack enclosure does not use cage nuts take note of the screw locations for step two.

**Step 2-** Install the rackmount kit to the rails with (8) 10-32 rack screws (included) on the front and 4 on the rear as shown. On the front take care to only use the upper two and lower two fastener locations. Loosen the two wing screws (fig 2.a) left and right side. Extend the rear braces and fasten them to the rear rails. Then re-tighten the left and right wing screws.

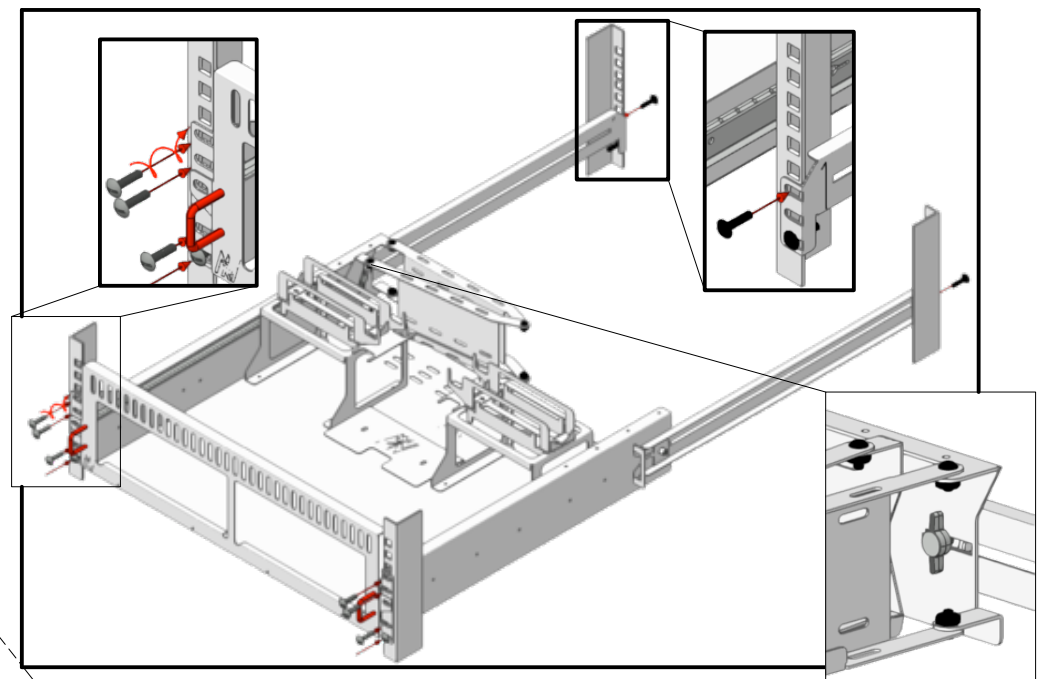
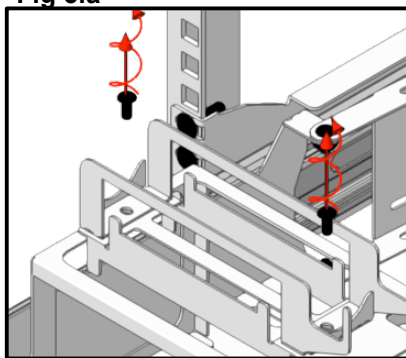


Fig 2.a

Fig 3.a



**Step 3-** Remove the (4) 8-32 x 3/8" screws holding the power supply brackets down (fig 3.a) Then remove the (2) Thumbscrews holding the computer Clamp down (fig 3.b) Set aside the brackets and screws for Step 5.

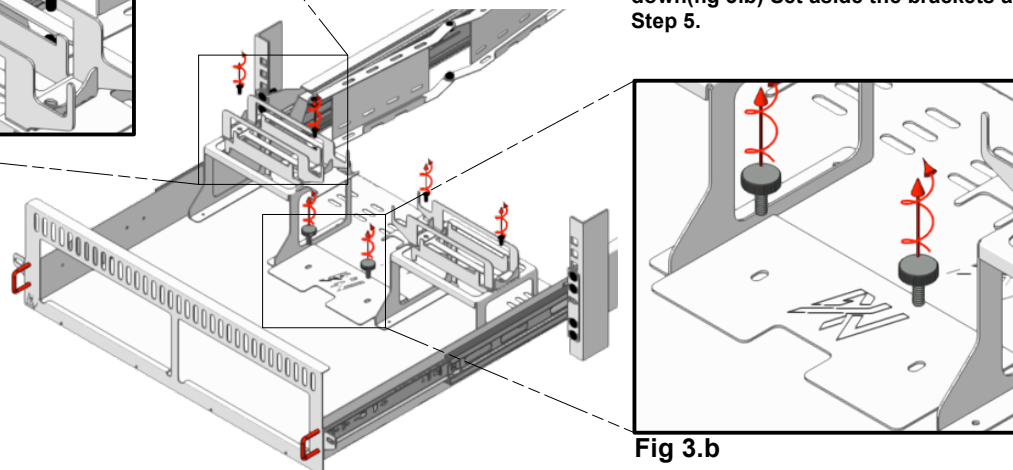
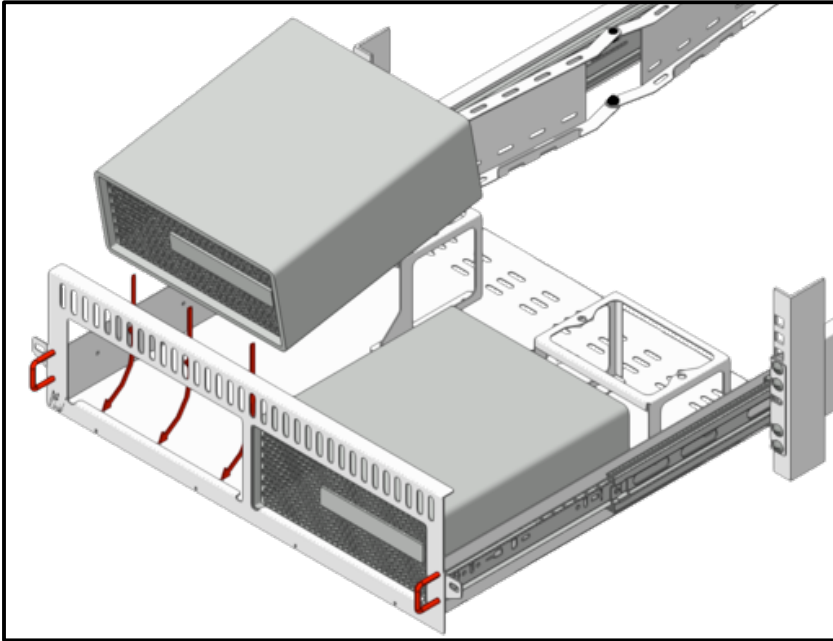


Fig 3.b



Step 4- To install the computers angle the front down and lower them into the chassis so the front bottom lip of the computer hooks below the retaining lip of the rackmount faceplate.

With the computers slid forward, clamp the back down with the thumbscrews as shown in fig 4.b

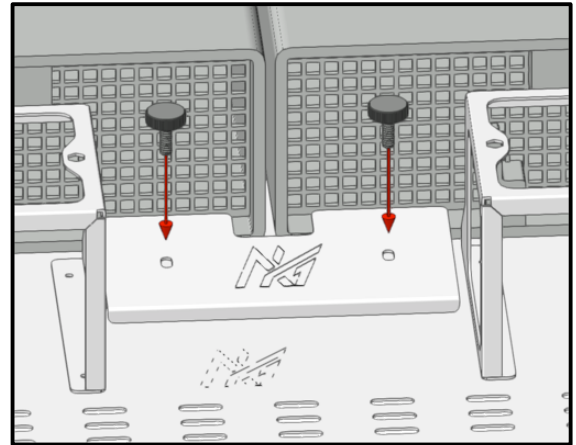
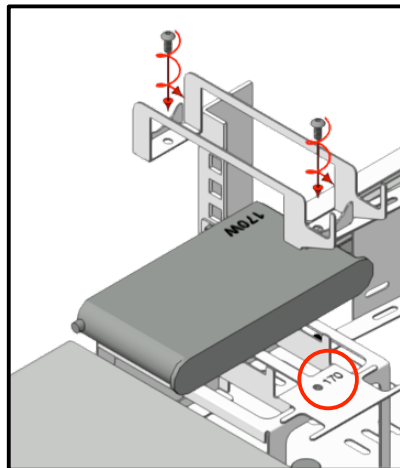


Fig 4.a

Fig 4.b



Step 5- Install the power supplies as shown here. For the 170W power supply the "170" etch on the two way spacing insert faces up(fig 5.a)

For the 230W and 300W power supplies, the etching faces down.(fig 5.b and 5.c) The cable management notches want to face the middle on both supplies.(fig 6.0)

The power supplies are held by the clamp with the 8-32 supplied hardware and tightened until the power supplies do not move. **!!DO NOT OVER TIGHTEN!!**

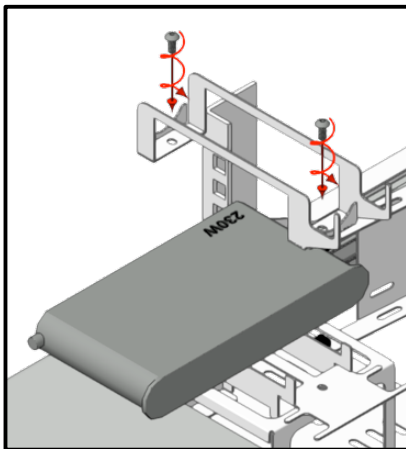


Fig 5.b

Fig 5.a

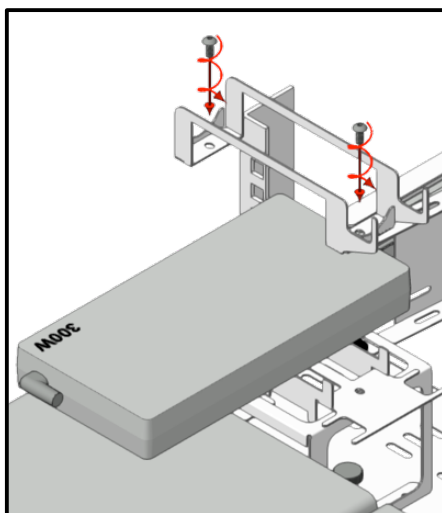


Fig 5.c

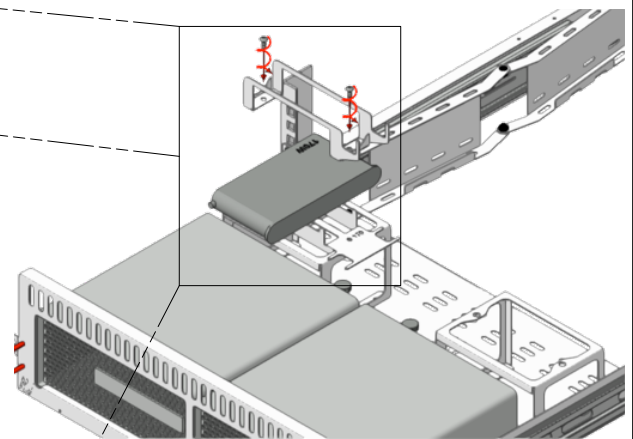


Fig 5.0

**Step 6-** The cable pathways shown are recommended. With the rack fully slid out it will ensure that there is no cable strain along the wire management guides.

- 1- Route the network/USB/video cables (green path) as shown and use velcro straps (not included) to fix them into place.
- 2- Route the computer power supply cables (blue path) as shown and wrap extra length around the wire organizer notches in the power supply clamps (fig 6.a). Affix with velcro straps (not included)
- 3- Route the high voltage cables (red path) at the top of the wire management as shown to put some distance between high voltage and data paths. Affix with velcro straps (not included)

**!! It is highly recommended to use velcro (hook and loop type) straps and not cable ties. Cable ties can overtighten and damage data wires over time !!**

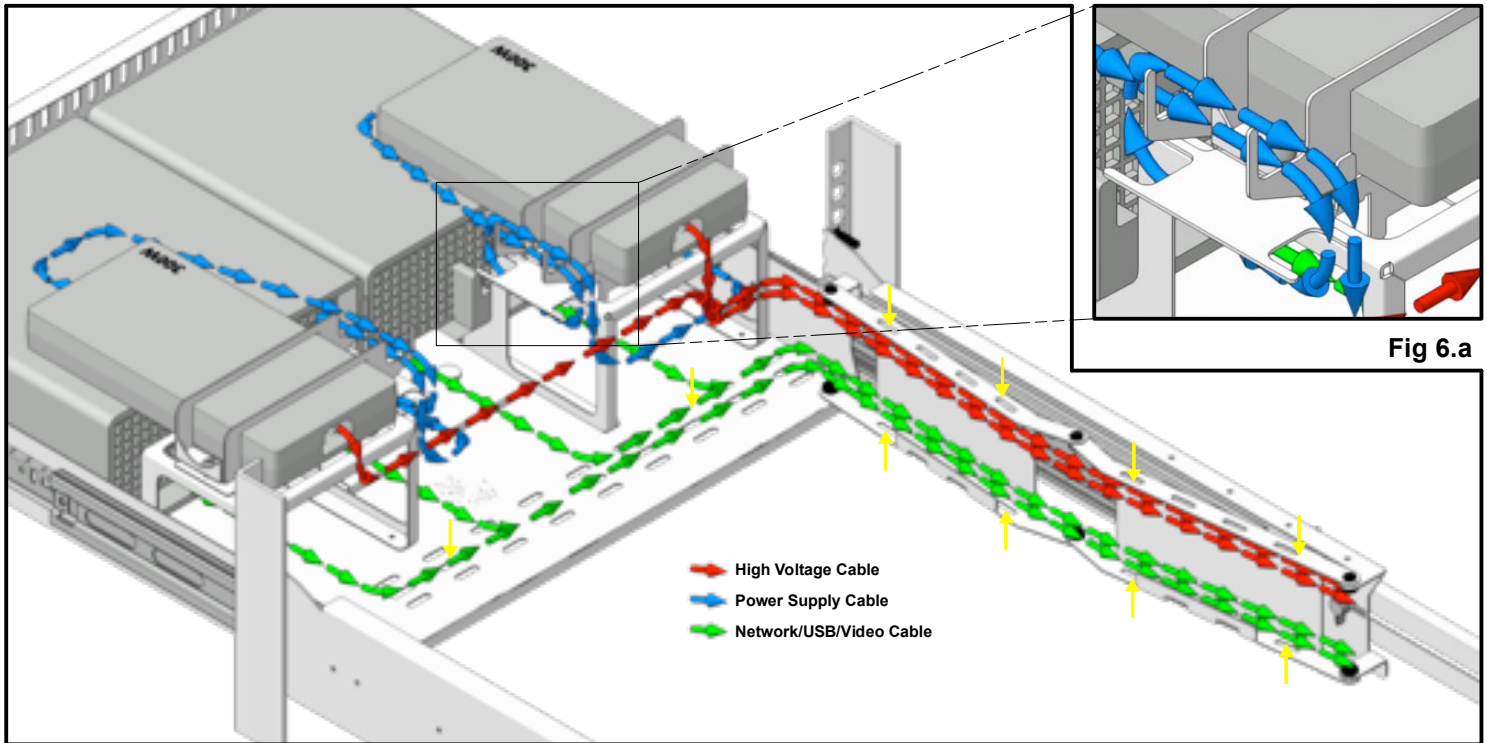
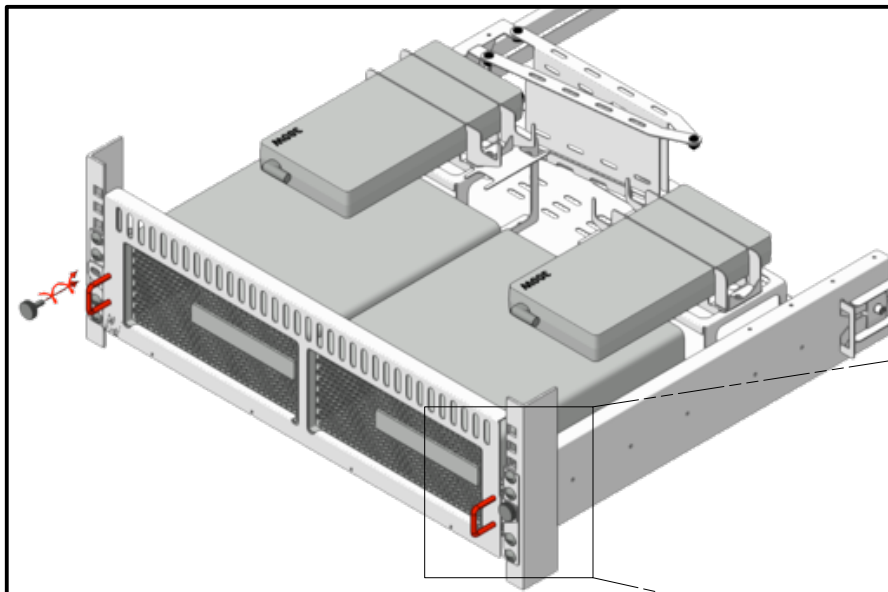


Fig 6.0



**Step 7-** Once the system is installed, slide the rackmount into the rack and secure with the 10-32 thumbscrews (included). This will prevent the system from sliding out. You can slide the rack shelf out and service either computer without taking the other offline.

