UNLESS OTHERWISE SPECIFIED DIMENSIONS AND TOLERANCES ARE IN INCHES. INTERPRET DIMENSIONS PER ASME Y14.5-2009. DO NOT SCALE THIS DRAWING. BREAK ALL SHARP EDGES .010 MAX. FILLET RADII .005 MAX. SURFACE FINISH ¹²⁵ / 1

TOLERANCES ARE:		
FRACTIONS ± 1/32	DECIMALS .X ± .1 .XX ± .03 .XXX ± .010	ANGLES ± 0.5°

Unit Weight (Nominal / Max)	Nominal: 20 lb / Max: 23 lb
Power, Input	Nominal: 120-240VAC
Power, Cord	NEMA 5-15P to IEC, length 6 feet minimum
Mounting Provisions	Front and side mounting provisions as shown in Figures 1 and 3. Include rack rail slide kit for 1U case as shown in Figure 5.
Connector(s)	Rear (See Figure 4 for approximate location) 3 – USB 2.0 (or better) minimum 1 – Full size display port minimum 1 – RJ45 Gigabit Ethernet minimum 1 – IEC Power
Cooling Air	Fans shall draw air from front of the LRU and exhaust hot air out the rear of the chassis.
Environmental Requirements	Operating Temperature: 0 to +50°C Storage Temperature: -40 to +60°C Operating Altitude: Up to 10,000 feet Humidity Operating: 5% to 95% Non-Condensing Non-Operating: 5% to 90% Transportation: 5% to 95%

Power Supplies	200W power supply with 80+ Gold efficiency rating (or equivalent)
Drive Configuration	512GB SATA SSD or better Manufacturer: NA Qty: 1
Processor	Intel Core i5-9500, (6 Core 9MB Cache, 3.0GHz) or better Manufacturer: Intel Qty: 1
Memory	16GB (2x8GB) DDR4 2666MHz Non-ECC Memory or better

MTBF (Mean Time Between Failure)	20,000 Hours, Minimum
Nameplate Identification	Each LRU shall have a permanent nameplate that, as a minimum, contains the following information: • Manufacturer • Product Name & Model Number • Part Number • Serial Number • Manufacture Date (month/year) • Modification Status Block

Windows 10 Pro 64-bit Operating System
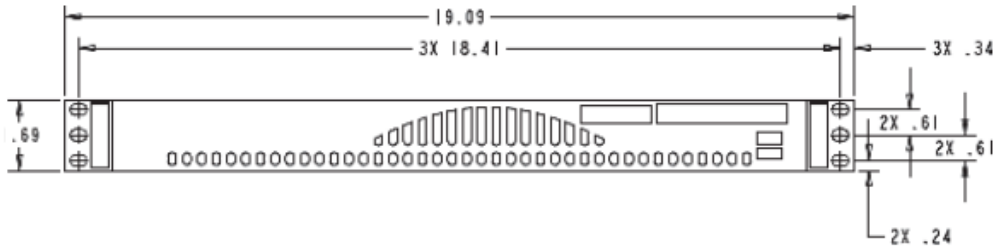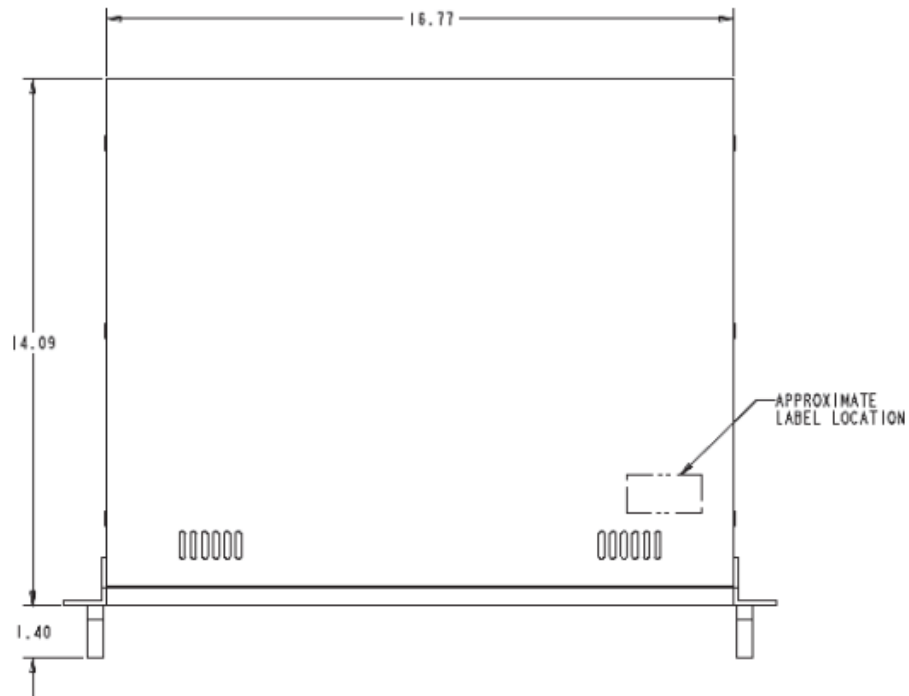**Red Hat Enterprise Linux WS v7 Operating System**

19.09

3X 18.41

3X .34

.69

2X .61

2X .61

2X .24

Figure 1   Front View

16.77

14.09

APPROXIMATE
LABEL LOCATION

1.40

Figure 2 · Bottom View, Mounting Features

3X M4x0.7

5.03   5.03   1.71

3X .83
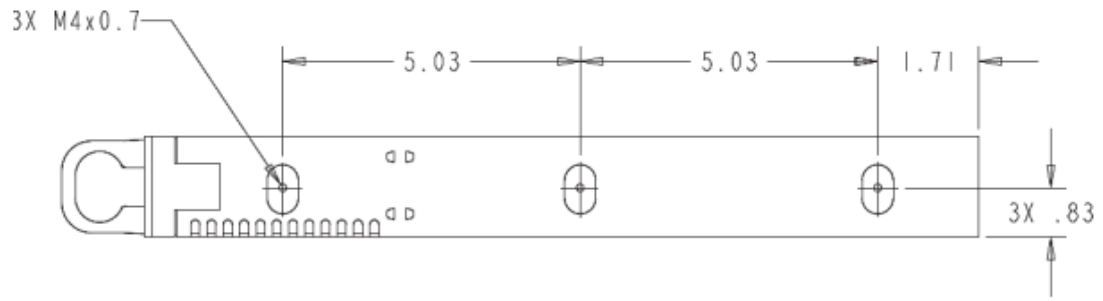
Figure 3 – Side View

Figure 4 – Rear View (Reference Only)

.07

(.740)

.34

.740

3X .33
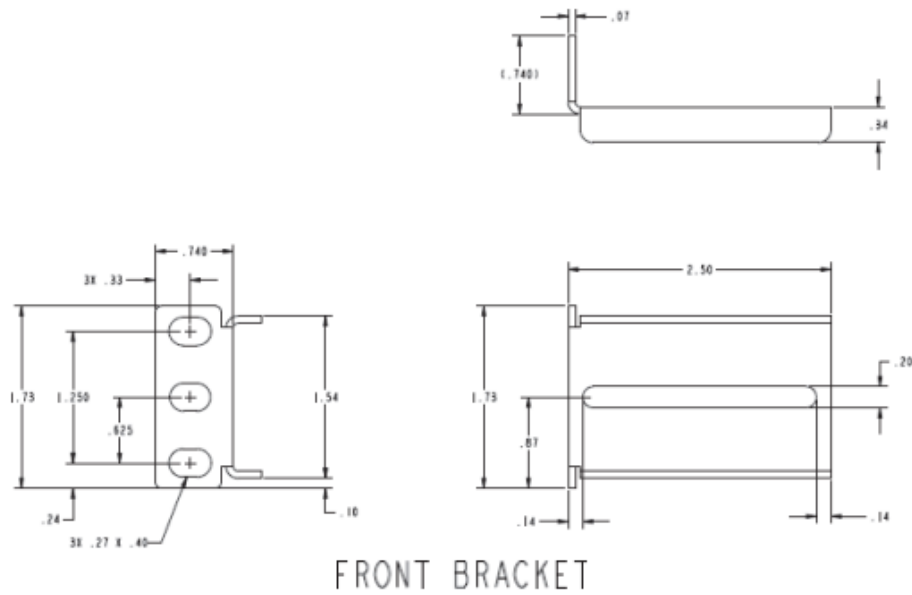
1.73   1.250

.625

1.54

.24

.10

3X .27 X .40

2.50

1.73

.20

.87

.14   .14

FRONT BRACKET

Figure 5 - Rack Rail Slide Kit