

USpace

4210 Premium Rack

The USpace 4210 is a premium rack range from USystems. Smart design and state of the art manufacturing facilities guarantees unbeatable quality, style and innovation associated with USystems.

Comprising of four corner posts, top and bottom end frame, depth support rails, front and rear 19" mounting angles, front infill panels (800w models), swing handle lockable front and rear door (available in a combination of options), lockable side panels (brush inserted or solid sliding panels are available options for bayed racks), vented top cover and a set of four transport castors.

Standard 4210 racks include;

- 3307.0lbs/1500kg load bearing
- 1102.31lbs/500kg dynamic load rating*
- 5 heights, 2 widths, 4 depths as standard
- Rigid bolted construction
- Superior venting standard door with 80% airflow
- Superior venting 'V' door with 86% airflow option
- Multi depth mounting
- Multi cable access through top and base
- Quick release cladding
- Left or right hand hinged doors
- Lockable side panels
- ColdLogik compliant
- Co-location models
- Houses all major server brands



4210 Rack, RAL 9005, Mesh Front Door

Standard 4210 rack door options;

- AirTech vented V door (86% airflow)
- AirTech vented standard door (80% airflow)
- AirTech vented wardrobe door, suitable for narrow aisles and can also accommodate upgraded security locking.
- Glass Door
- Solid Steel Door



We engineer for a sustainable tomorrow.

4210 Rack 'U' height			24U	30U	36U	42U	48U
Width options	" (mm)	23.62 (600) or 31.50 (800)					
Depth options	" (mm)	23.62 (600) or 31.50 (800) or 39.97 (1000) or 47.24 (1200)					
Depth options with cladding	" (mm)	25.98 (660) or 33.86 (860) or 41.73 (1060) or 49.61 (1260)					
Frame Height	" (mm)	47¼ (1200)	57 (1466)	73½ (1867)	78 (1999)	89 (2266)	
Height on Transport castors	" (mm)	49 (1260)	60 (1526)	75 (1927)	81 (2059)	91 (2326)	
Height on Heavy Duty castors	" (mm)	50 (1270)	60 (1536)	76 (1937)	82 (2069)	92 (2336)	
Height on plinth	" (mm)	51 (1300)	61 (1566)	77 (1967)	83 (2109)	95 (2366)	
Max rail space - plug in depth (PID)	800mm deep	" (mm)	28.14 (714.8)				
	1000mm deep		36.02 (914.8)				
	1200mm deep		43.89 (1114.8)				
Static Load Bearing	lb (kg)	3307.0 (1500)					
Dynamic load rating*	lb (kg)	1102.31 (500)					

*Dynamic load on a flat level data center floor

Feature	Included as Standard
Colour (cladding)	Black RAL 9005, smooth polyester semi gloss powder coat
Colour (internals e.g. rails, cable tray)	Black RAL 9005, smooth polyester semi gloss powder coat
Rails	19" centered, set back 4.72"/120mm with 28.3"/720mm between rails.
U labels	Front and Rear
Frame (posts)	4 Post
Base	Transport castors
Side panels	Cam locks
Doors	Standard flat mesh single (options V mesh door, Double mesh door)
Locking	Single doors have single point locking, wardrobe and V doors have 4 point locking
Accessories	Earth kit, baying kit
Top cover	Cable entry and top cover knocks out fan trays

Materials and finish

Frame: 1.2mm & 1.5mm CR4 steel

AirTech, glass and steel doors: 1.0mm, 1.2 & 2.0mm CR4 steel, 4.0mm toughened clear glass

Side panels: 1.0mm & 1.2mm CR4 steel

Top cover: 1.2mm CR4 steel

Mounting angles: 2.0mm CR4 steel

Infills for 800w: 1.5mm CR4 steel

Paint finish: Black RAL 9005 Polyester semi gloss powder coat as standard, Light Grey RAL 7035 on extended lead time

Standards

ANSI/EIA-310-E

IEC 60297-2

DIN EN 60297-3-100

Cabinet Spec	AV/AV		AV/AW		AG/SS		AV/VD		VD/AW	
	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs
24u 600w 600d	56.8	125.2	55.8	123.0	65.0	143.3	56.9	125.4	55.9	123.2
24u 600w 800d	64.3	141.8	63.3	139.6	72.5	159.8	64.4	142.0	63.4	139.8
24u 600w 1000d	77.8	171.5	76.8	169.3	86.0	189.6	77.9	171.7	76.9	169.5
24u 600w 1200d	87.3	192.5	86.3	190.3	95.5	210.5	86.3	190.3	86.4	190.5
24u 800w 600d	66.3	146.2	65.8	145.1	79.4	175.0	67.7	149.3	67.2	148.2
24u 800w 800d	72.5	159.8	72.0	158.7	85.6	188.7	73.9	162.9	73.4	161.8
24u 800w 1000d	88.0	194.0	87.5	192.9	101.1	222.9	89.4	197.1	88.9	196.0
24u 800w 1200d	97.5	215.0	97.0	213.8	110.6	243.8	98.9	218.0	98.4	216.9
30u 600w 600d	63.4	139.8	62.4	137.6	71.6	157.9	63.5	140.0	62.5	137.8
30u 600w 800d	70.9	156.3	69.9	154.1	79.1	174.4	71.0	156.5	70.0	154.3
30u 600w 1000d	84.4	186.1	83.4	183.9	92.6	204.1	84.5	186.3	83.5	184.1
30u 600w 1200d	93.9	207.0	92.9	204.8	102.1	225.1	94.0	207.2	93.0	205.0
30u 800w 600d	73.7	162.5	73.2	161.4	86.8	191.4	75.1	165.6	74.6	164.5
30u 800w 800d	79.9	176.1	79.4	175.0	93.0	205.0	81.3	179.2	80.8	178.1
30u 800w 1000d	95.4	210.3	94.9	209.2	108.5	239.2	96.8	213.4	96.3	212.3
30u 800w 1200d	104.9	231.3	104.4	230.2	118.0	260.1	106.3	234.4	105.8	233.2
36u 600w 600d	70.0	154.3	69.0	152.1	78.2	172.4	70.1	154.5	69.1	152.3
36u 600w 800d	77.5	170.9	76.5	168.7	85.7	188.9	77.6	171.1	76.6	168.9
36u 600w 1000d	91.0	200.6	90.0	198.4	99.2	218.7	91.1	200.8	90.1	198.6
36u 600w 1200d	100.5	221.6	99.5	219.4	108.7	239.6	100.6	221.8	99.6	219.6
36u 800w 600d	81.1	178.8	80.6	177.7	94.2	207.7	82.5	181.9	82.0	180.8
36u 800w 800d	87.3	192.5	86.8	191.4	100.4	221.3	88.7	195.6	88.2	194.4
36u 800w 1000d	102.8	226.6	102.3	225.5	115.9	255.5	104.2	229.7	103.7	228.6
36u 800w 1200d	112.3	247.6	111.8	246.5	125.4	276.5	113.7	250.7	113.2	249.6
42u 600w 600d	76.6	168.9	75.6	166.7	84.8	187.0	76.7	169.1	75.7	166.9
42u 600w 800d	84.1	185.4	83.1	183.2	92.3	203.5	84.2	185.6	83.2	183.4
42u 600w 1000d	97.6	215.2	96.6	213.0	105.8	233.2	97.7	215.4	96.7	213.2
42u 600w 1200d	107.1	236.1	106.1	233.9	115.3	254.2	107.2	236.3	106.2	234.1
42u 800w 600d	88.5	195.1	88.0	194.0	101.6	224.0	89.9	198.2	89.4	197.1
42u 800w 800d	94.7	208.8	94.2	207.7	107.8	237.7	96.1	211.9	95.6	210.8
42u 800w 1000d	110.2	242.9	109.7	241.8	123.3	271.8	111.6	246.0	111.1	244.9
42u 800w 1200d	119.7	263.9	119.2	262.8	132.8	292.8	121.1	267.0	120.6	265.9
48u 600w 600d	83.2	183.4	82.2	181.2	91.4	201.5	83.3	183.6	82.3	181.4
48u 600w 800d	90.7	200.0	89.7	197.8	98.9	218.0	90.8	200.2	89.8	198.0
48u 600w 1000d	104.2	229.7	103.2	227.5	112.4	247.8	104.3	229.9	103.3	227.7
48u 600w 1200d	113.7	250.7	112.7	248.5	121.9	268.7	113.8	250.9	112.8	248.7
48u 800w 600d	95.9	211.4	95.4	210.3	109.0	240.3	97.3	214.5	96.8	213.4
48u 800w 800d	102.1	225.1	101.6	224.0	115.2	254.0	103.5	228.2	103.0	227.1
48u 800w 1000d	117.6	259.3	117.1	258.2	130.7	288.1	119.0	262.4	118.5	261.2
48u 800w 1200d	127.1	280.2	126.6	279.1	140.2	309.1	128.5	283.3	128.0	282.2

Key:	AV	Airtech Vented door
	AW	Airtech Wardrobe door
	AG	Airtech Glass door
	SS	Solid Steel door
	VD	V-Door

Standard Cabinet Configuration

2 x end frames, 4 x corner post, 2 x infill (800w only), 2 x side panels, 4 x mounting angles, 1 x top cover and 4 x castor plates with castors

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Further Documentation

For additional information, please refer to the below. Available through your USystems representative, or our central inquires line at sales@usystems.com

Complete Product Range

Available at www.usystems.com

Product Brochure

Available at www.usystems.com



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