

i3 SERVER COMPARISON REFERENCE GUIDE



i3 SRX-Pro Servers

	Veol6p	U12	U20	U30	UR5	URX
Image (not to scale)						
Hardware Configuration						
Chassis type	2U	1.5U	2U	3U	4.5U	
Mounting options	Rack-mount, included	Rack-mount, included	Rack-mount, included	Rack-mount, included	Wall-mount, optional Rack-mount, optional	
Physical dimensions (WxDxH inches/mm)	17 x 14½ x 3½" 430 x 367 x 88 mm	17¾ x 15¾ x 2¾" 440 x 390 x 70 mm	17¾ x 17¾ x 3½" 440 x 440 x 90 mm	17¾ x 20 x 5¼" 440 x 508 x 133 mm	18 x 13 x 7¾" 456 x 330 x 197mm	
Min. weight (lbs/kg)	11.0 lbs / 5.0 kg	11.0 lbs / 5.0 kg	23.75 lbs / 10.77 kg	29.25 lbs / 13.27 kg	22 lbs / 10 kg	
Motherboard type	Embedded MB	Embedded MB	Intel server-grade MB	Intel server-grade MB	Intel server-grade MB	
CPU	Embedded	Celeron	Intel-i5	Intel-Xeon	Intel-i5	Intel-Xeon
RAM	Embedded	4GB	8GB	8GB	8GB	
Power supply	DC12V, Adaptor, 7.5A	300W	400W	600W	400W	600W
Graphics (video) card	On-board	On-board	On-board	Peripheral	On-board	Peripheral
Graphics (GPU) card	N/A	N/A	N/A	N/A	N/A	
Video outputs	2 (VGA, HDMI)	3 (VGA, HDMIx2)	3 (VGA, 2x DP++)	3 (VGA, 2x DP++)	3 (VGA, 2x DP++)	3 (VGA, 2x DP++)
On-board audio	Audio In: 16 ch (10KΩ, 2.8 Vpp) Audio Out: 1 ch (600Ω, 2.8 Vpp)	On-board: Line In/Line Out	N/A	N/A	N/A	
On-board NIC	2	2	4	4	4	
DVD/CD	Yes	Yes	No	No	No	
Operating System	Linux	Win10EL	Win10VA	Win10HE	Win10VA	Win10HE
Operating system drive	Embedded	mSATA	SSD OS	SSD OS	SSD OS	
Keyboard & Mouse	Mouse only	Yes	Yes	Yes	Yes	
No. of controls/sensors	8/18	4/16	N/A (upgradable to 64/64 using 16x UI08)			
Power input	100-200 VAC, 50-60Hz	100-240 VAC, 50-60 Hz, (auto switch)				
Power consumption	42W	210W	150W	260W	150W	260W
PoE, built-in	N/A	16 Ch PoE 150W	N/A	N/A	N/A	
Operating temperature	20-25°C / 68-77°F					
Relative humidity	< 80%, non-condensing					
Video Storage Configuration						
Removable HDD storage	N/A	N/A	1 x SBB31	up to 2 x SBB41	N/A	
Max. # of storage HDDs	4	2	3	8	2	
Maximum unformatted storage capacity (JBOD)	4 x 10TB = 40TB	2 x 10TB = 20TB	3 x 18TB = 54TB	8 x 18TB = 144TB	2 x 18TB = 36TB	
Video Configuration						
Max. # of video inputs	16 (CVBS/HD-TVI/IP)	16	48	64	48	64
Max. # of 360° fisheye video inputs	N/A	1	≤ purchased IP licenses			
Analog video support	Yes	Yes, via HR16v2 encoder	Yes, via HR16v2 encoder			
Compression type	h.264	h.265 / h.264 / MPEG4 / MJPEG, selectable	h.265 / h.264 / MPEG4 / MJPEG, selectable			
Screen display	1, 4, 9, 16 (selectable)	1, 4, 9, 10, 13, 16 (selectable)	1, 4, 9, 10, 13, 16, 25, 36, 64 (selectable)			
Software Configuration						
Remote Viewing	Internet Explorer, Veo App (iOS/Android)	Video Pilot Client (thick client), CMS Web Video Streaming (thin client), SRX-Pro Mobile App (iOS/Android), CMS Mobile (iOS/Android)				
Max. # of remote connections	10	3	50			
Max. # of remote backup sessions	10	3	5			
Max. # of PACDM channels. Serial/TCP/IP	N/A	8 Serial / 8 TCP/IP	8 Serial / 16 TCP/IP			
Max. # of dDisplay monitors	N/A	N/A	2			
CMS Health Monitoring	N/A	Optional	Optional			
Max. # of i3Ai channels	N/A	N/A	N/A			
Max. # of i3VA channels	N/A	N/A	N/A			
Max. # of social distancing chnls	N/A	N/A	N/A			
Certifications / Warranty						
Certifications	FCC / CE	UL / ULc / FCC / CE	UL / ULc / FCC / CE	UL / ULc / FCC / CE	UL/ULc/FCC/CE	FCC / CE
Warranty	3-year parts & labor					



i3Ai/SRX-Pro Servers

	U3i	UR5-Ai	URX-Ai
Image (not to scale)			
Hardware Configuration			
Chassis type	3.5U	4.5U	
Mounting options	Rack-mount, included	Wall-mount, optional Rack-mount, optional	
Physical dimensions (WxDxH inches/mm)	17¾ x 20 x 5¼" 440 x 508 x 148 mm	18 x 13 x 7¾" 456 x 330 x 197mm	
Min. weight (lbs/kg)	29.25 lbs / 13.27 kg	22 lbs / 10 kg	
Motherboard type	Intel server-grade MB	DFI server-grade MB	
CPU	Intel-Xeon	Intel-i5	Intel-Xeon
RAM	8GB	8GB	
Power supply	600W	600W	600W
Graphics (video) card	On-board	On-board	
Graphics (GPU) card	Yes	Yes	Yes
Video outputs	3 (VGA, 2x DP++)	3 (VGA, HDMI, DP++)	
On-board audio	N/A	N/A	
On-board NIC	4	2	
DVD/CD	No	No	
Operating System	Win10HE	Win10VA	Win10HE
Operating system drive	SSD OS	m.2 SSD OS	
Keyboard & Mouse	Yes	Yes	
No. of controls/sensors	N/A (upgradable to 64/64 using 16x UI08)		
Power input	100-240 VAC, 50-60 Hz, (auto switch)		
Power consumption	380W	270W	380W
PoE, built-in	N/A	N/A	N/A
Operating temperature	20-25°C / 68-77°F		
Relative humidity	< 80%, non-condensing		
Video Configuration			
Removable HDD storage	up to 2 x SBB41	N/A	
Max. # of storage HDDs	8	2	
Maximum unformatted storage capacity (JBOD)	8 x 18TB = 144TB	2 x 18TB = 36TB	
Video Configuration			
Max. # of video inputs	64	48	64
Max. # of 360° fisheye video inputs	≤ purchased IP licenses		
Analog video support	Yes, via HR16v2 encoder	Yes, via HR16v2 encoder	
Compression type	h.265 / h.264 / MPEG4 / MJPEG, selectable		
Screen display	1, 4, 9, 10, 13, 16, 25, 36, 64 (selectable)		
Software Configuration			
Remote Viewing	Video Pilot Client (thick client), CMS Web Video Streaming (thin client), SRX-Pro Mobile App (iOS/Android), CMS Mobile (iOS/Android)		
Max. # of remote connections	50		
Max. # of remote backup sessions	5		
Max. # of PACDM channels. Serial/TCP/IP	8 Serial / 16 TCP/IP		
Max. # of dDisplay monitors	2		
CMS Health Monitoring	Optional		
Max. # of i3Ai channels	4	4	4
Max. # of i3VA channels	15	7	15
Max. # of social distancing chnls	20	10	20
Certifications / Warranty			
Certifications	UL / ULc / FCC / CE	FCC / CE	
Warranty	3-year parts, 1 year labor		



VPM Console

	U3C
Image (not to scale)	
Hardware Configuration	
Chassis type	3U
Mounting options	Rack-mount, included
Physical dimensions (WxDxH inches/mm)	17¾ x 20 x 5¼" 440 x 508 x 133 mm
Min. weight (lbs/kg)	29.25 lbs / 13.27 kg
Motherboard type	Intel server-grade MB
CPU	Intel-Xeon
RAM	8GB
Power supply	600W
Graphics (video) card	On-board + Peripheral
Graphics (GPU) card	N/A
Video outputs	4x mini DisplayPort, 2x DP++, VGA
On-board audio	N/A
On-board NIC	4
DVD/CD	No
Operating System	Win10HE
Operating system drive	SSD OS
Keyboard & Mouse	Yes
No. of controls/sensors	N/A
Power input	100-240 VAC, 50-60 Hz, (auto switch)
Power consumption	330W
PoE, built-in	N/A
Operating temperature	20-25°C / 68-77°F
Relative humidity	< 80%, non-condensing
Video Configuration	
Max. # of live video channels	180
Max. # of search video channels	20
Max. # of monitor outputs	6
Compression type	N/A
Screen display	1, 4, 6, 9, 12, 16, 20, 25, 30 (selectable)
Software Configuration	
Remote Viewing	Video Pilot Matrix Console (thick client)
Certifications / Warranty	
Certifications	UL / ULc / FCC / CE
Warranty	3-year parts, 1 year labor