

Servidor 1 - Monitorización

ID	PRODUCTE	NOM PRODUCTE	QUANTITAT	PREU €/U S/IVA	PREU TOTAL S/IVA	LINK			
1	CAJA	UNYKAch HSW6212 Servidor Rack 2U/12 Bahías	1	198,34 €	198,34 €	Link		SUBTOTAL (TOTAL S/IVA)	1.982,31 €
2	PLACA BASE	Asus Pro WS X570-ACE	1	264,38 €	264,38 €	Link		21 % IVA	416,29 €
3	CPU	AMD Ryzen 9 5900X 3.7GHz	1	224,32 €	224,32 €	Link		TOTAL ORDINADORS SOBRETAULA	2.398,60 €
4	RAM	Corsair Vengeance LPX DDR4 3200	1	99,29 €	99,29 €	Link			
5	DISCO DURO PRINCIPAL	Samsung 980 PRO SSD 1TB M.2	1	90,90 €	90,90 €	Link			
6	DISCO DURO SECUNDARIO	Samsung 870 EVO SSD 2TB SATA	2	128,05 €	256,10 €	Link			
7	PSU	Seasonic FOCUS GX-750 750W	1	98,33 €	98,33 €	Link			
8	VENTILADOR CPU	Noctua NH-U12S Redux CPU Cooler	1	66,03 €	66,03 €	Link			
9	TARJETA RED	Intel X710-DA2 Dual Port 10Gb SFP+	1	563,84 €	563,84 €	Link			
10	VENTILADOR	Noctua NF-A12x25 PWM 120mm (Pack 2)	2	26,43 €	52,86 €	Link			
11	CABLES	Cable SFP+ DAC 10Gb 3m	2	25,66 €	51,32 €	Link			
12	RAILS RACK	Rails Universales Rack 2U	1	16,60 €	16,60 €	Link			

Servidor 2 - Web + Audio + Streaming									
ID	PRODUCTE	NOM PRODUCTE	QUANTITAT	PREU €/U S/IVA	PREU TOTAL S/IVA	LINK			
1	CAJA	SilverStone RM21-304 Servidor Rack 2U	1	394,20 €	394,20 €	Link		SUBTOTAL (TOTAL S/IVA)	2.931,79 €
2	PLACA BASE	ASUS ROG Strix X670E-E Gaming	1	254,58 €	254,58 €	Link		21 % IVA	615,68 €
3	CPU	AMD Ryzen 9 7950X 4.5GHz	1	454,53 €	454,53 €	Link		TOTAL ORDINADORS SOBRETAULA	3.547,47 €
4	RAM	Corsair Vengeance DDR5 5600 64GB	1	136,35 €	136,35 €	Link			
5	DISCO DURO PRINCIPAL	Samsung 990 PRO SSD 2TB M.2 NVMe PCIe 4.0	1	137,97 €	137,97 €	Link			
6	DISCO DURO MULTIMEDIA	Seagate IronWolf Pro 12TB NAS HDD (7200rpm)	3	280,95 €	842,85 €	Link			
7	CONTROLADORA RAID	LSI MegaRAID SAS 9361-8i PCIe	1	148,76 €	148,76 €	Link			
8	PSU	Corsair RM850x 850W 80+ Gold Modular	1	141,23 €	141,23 €	Link			
9	REFRIGERACIÓN CPU	Noctua NH-D15 Dual Tower CPU Cooler	1	90,82 €	90,82 €	Link			
10	TARJETA RED	Intel X710-DA2 Dual Port 10Gb SFP+	1	122,30 €	122,30 €	Link			
11	VENTILADORES	Noctua NF-A12x25 PWM 120mm	6	26,43 €	158,58 €	Link			
12	CABLES	Cables SFP+ 10Gb DAC 3m + SATA	1	25,66 €	25,66 €	Link			
13	RAILS RACK	Rails Industriales Rack 2U	1	23,96 €	23,96 €	Link			

Servidor 3 - DNS + FTP

ID	PRODUCTE	NOM PRODUCTE	QUANTITAT	PREU €/U S/IVA	PREU TOTAL S/IVA	LINK
1	CAJA	UNYKach HSW6212 Servidor Rack	1	198,34 €	198,34 €	Link
2	PLACA BASE	MSI PRO B650M-A WiFi	1	160,17 €	160,17 €	Link
3	CPU	AMD Ryzen 5 7600 3.8GHz	1	149,50 €	149,50 €	Link
4	RAM	Corsair Vengeance LPX DDR5 5600 32GB	1	120,65 €	120,65 €	Link
5	DISCO DURO PRINCIPAL	Samsung 980 SSD 500GB M.2 NVMe	1	48,71 €	48,71 €	Link
6	DISCO DURO FTP	Seagate BarraCuda 4TB HDD 3.5"	2	86,76 €	173,52 €	Link
7	PSU	Seasonic FOCUS GX-550 550W	1	102,47 €	102,47 €	Link
8	VENTILADOR CPU	Cooler Master Hyper 212 RGB	1	61,95 €	61,95 €	Link
9	TARJETA RED	Intel I350-T2 Dual Port Gigabit Ethernet	1	66,11 €	66,11 €	Link
10	VENTILADOR	Arctic P12 PWM 120mm	2	5,52 €	11,04 €	Link
11	CABLES	Cables SATA + Ethernet	1	1,23 €	1,23 €	Link
12	RAILS RACK	Rails Universales Rack 2U	1	16,60 €	16,60 €	Link
SUBTOTAL (TOTAL S/IVA)						1.110,29 €
21 % IVA						233,16 €
TOTAL ORDINADORS SOBRETAULA						1.343,45 €

Servidor 4 - Base de Datos

ID	PRODUCTE	NOM PRODUCTE	QUANTITAT	PREU €/U S/IVA	PREU TOTAL S/IVA	LINK	
1	CAJA	UNYKAch HSW6212 Servidor Rack	1	198,34 €	198,34 €	Link	
2	PLACA BASE	ASUS Pro WS X670E-ACE	1	458,23 €	458,23 €	Link	
3	CPU	AMD Ryzen 9 7900X 4.7GHz	1	185,82 €	185,82 €	Link	
4	RAM	Corsair Vengeance DDR5 5600 64GB	2	136,35 €	272,70 €	Link	
5	DISCO DURO PRINCIPAL	Samsung 990 PRO SSD 1TB M.2 NVMe PCIe 4.0	1	105,77 €	105,77 €	Link	
6	DISCOS BD PRINCIPALES	Samsung 980 PRO SSD 2TB M.2 NVMe (RAID 1)	2	151,19 €	302,38 €	Link	
7	DISCOS BACKUP	Seagate IronWolf 8TB NAS HDD	2	175,19 €	350,38 €	Link	
8	CONTROLADORA RAID	LSI MegaRAID SAS 9361-4i PCIe	1	239,66 €	239,66 €	Link	
9	PSU	Seasonic FOCUS GX-750 750W	1	98,33 €	98,33 €	Link	
10	REFRIGERACIÓN CPU	Noctua NH-D15 Dual Tower CPU	1	90,82 €	90,82 €	Link	
11	TARJETA RED	Intel X710-DA2 Dual Port 10Gb	1	563,84 €	563,84 €	Link	
12	VENTILADORES	Noctua NF-A12x25 PWM 120mm	2	26,43 €	52,86 €	Link	
13	CABLES	Cables SFP+ 10Gb + SATA + Power	1	12,38 €	12,38 €	Link	
14	RAILS RACK	Rails Universales Rack 2U	1	16,68 €	16,68 €	Link	
						SUBTOTAL (TOTAL S/IVA)	2.919,13 €
						21 % IVA	613,02 €
						TOTAL ORDINADORS SOBRETAULA	3.532,15 €

Servidor 5 - Backups

ID	PRODUCTE	NOM PRODUCTE	QUANTITAT	PREU €/U S/IVA	PREU TOTAL S/IVA	LINK		
1	CAJA	SilverStone RM41-H08 Armario Servidor Rack 4U ATX	1	328,19 €	328,19 €	Link		
2	PLACA BASE	ASUS Prime X670-P WiFi	1	213,08 €	213,08 €	Link		
3	CPU	AMD Ryzen 7 7700 3.8GHz	1	256,03 €	256,03 €	Link		
4	RAM	Corsair Vengeance LPX DDR5 5600 32GB	1	120,65 €	120,65 €	Link		
5	DISCO DURO PRINCIPAL	Samsung 980 SSD 500GB M.2 NVMe	1	48,71 €	48,71 €	Link		
6	DISCOS BACKUP MASIVOS	Seagate Exos X18 16TB Enterprise HDD	6	321,64 €	1.929,84 €	Link		
7	CONTROLADORA RAID	LSI MegaRAID SAS 9361-8i PCIe	1	137,63 €	137,63 €	Link		
8	PSU	Seasonic FOCUS GX-850 850W	1	102,47 €	102,47 €	Link		
9	REFRIGERACIÓN CPU	Cooler Master Hyper 212 RGB	1	61,95 €	61,95 €	Link		
10	TARJETA RED	Intel X710-DA2 Dual Port 10Gb	1	122,30 €	122,30 €	Link		
11	VENTILADORES	Arctic P12 PWM 120mm	2	5,52 €	11,04 €	Link		
12	CABLES	Cables SFP+ 10Gb + SATA + SAS	1	12,38 €	12,38 €	Link		
13	RAILS RACK	Rails Industriales Rack 4U	1	23,96 €	23,96 €	Link		
							SUBTOTAL (TOTAL S/IVA)	3.344,27 €
							21 % IVA	702,30 €
							TOTAL ORDINADORES SOBRETAULA	4.046,57 €

	Networking									
	ID	PRODUCTE	NOM PRODUCTE	QUANTITAT	PREU €/U S/IVA	PREU TOTAL S/IVA	LINK			
	1	SWITCH CORE	S5860-20SQ Switch L3 24p	1	1.598,00 €	1.598,00 €	Link		SUBTOTAL (TOTAL S/IVA)	41.126,92 €
	2	SWITCH ACCESS	PowerSwitch N3248TE-ON 48p	2	19.620,00 €	39.240,00 €	Link		21 % IVA	8.636,65 €
	3	PATCH PANEL	Patch Panel CAT6A FTP 1U 48 Puertos	4	72,23 €	288,92 €	Link		TOTAL ORDINADORS SOBRETAULA	49.763,57 €
	4	ORGANIZADOR	Organizador de Cables Horizontal	6	9,82 €	58,92 €	Link			
	5	CABLES PATCH	Cables Cat6a UTP 1m (Patch Panels a Switches)	50	4,00 €	200,00 €	Link			
	6	CABLES SERVIDORES	Cables Cat6a UTP 2m (Servidores a Patch)	20	4,00 €	80,00 €	Link			
	7	CABLES FIBRA	Cables SFP+ 10Gb DAC 3m (Core-Access)	4	11,00 €	44,00 €	Link			
	8	CABLES ALTA VELOCIDAD	Cables SFP28 25Gb DAC 3m (Servidores críticos)	6	52,00 €	312,00 €	Link			