



GOVERNMENT OF PAKISTAN
DIRECTORATE GENERAL OF CUSTOMS VALUATION
7TH FLOOR, CUSTOM HOUSE
KARACHI
Phone: 021-99214144

No. Misc/34/2016-I/1336

Dated: 16.12.2024

VALUATION RULING NO. 1931/2024

1. This Ruling shall be applicable until the same is rescinded or revised in terms of sub-section (4) of Section 25A of the Customs Act, 1969.
2. The revision petition against this Valuation Ruling can be filed, under Section 25D of the Customs Act, 1969 within 30 days before the Director General, Customs Valuation.
3. The values in valuation ruling shall be applicable to the given description and specification of goods.

Subject: DETERMINATION OF CUSTOMS VALUE OF NETWORKING EQUIPMENTS PCTs (8517.6270, 8517.6970 & 8517.6990) UNDER SECTION 25A OF THE CUSTOMS ACT, 1969.

1.	Valuation Ruling	Re-determination of Valuation Ruling No. 1882/2024 dated 24.05.2024
2.	Date of meetings with stakeholders	The meetings with relevant stakeholders were conducted on 04.09.2024

3. **Background of the Issue:** The Directorate General of Customs Valuation Karachi received representation to review the values of wireless routers. Earlier Valuation Ruling 1882/2024 dated 24.05.2024 was issued based on the decision of Appellate Tribunal Karachi vide judgment dated 16.05.2023 and subsequent orders passed by the DG Valuation, Karachi to re-visit the values accordingly. Therefore, keeping in view the above facts and in pursuance of analysis of import data, current market trends, the difference in market prices and customs values, an exercise for the determination of customs values of subject goods was initiated under Section 25 and 25A of the Customs Act, 1969.

4. **Analysis to determine Customs Values:** During the exercise, the stakeholders contended that the existing customs values of wireless routers are on higher side and should be revised based on generation of the goods. In addition, some of the stakeholders desired to revisit the categories of brands. The issues pertaining to the valuation of subject goods were deliberated upon in detail in the afore-referred meeting. Ninety (90) days' clearance data has been retrieved and the same has been scrutinized. Subsequently, market inquiry had also



been conducted and examined in the light of this Directorates Office Order No. 17/2014 dated 19-03-2014 and in terms of Section 25 (7) of the Customs Act, 1969.

5. **Method(s) adopted to determine Customs values:** To determine the transaction value of goods, the valuation methods, provided in Section 25 of the Customs Act, 1969, were applied in sequential order. The transaction value method as provided in sub-section (1) of Section 25 of the Customs Act, 1969, was found inapplicable as declared values did not correspond to market prices. Similarly, the data of identical and similar goods as per sections 25(5) & (6) ibid provided some references of demonstrable evidence of qualities and quantities of the same commercial level; however, it could not be solely relied upon. Meanwhile, a market inquiry as envisaged under Sub-Section (7) of Section 25 of the Customs Act, 1969 was also conducted as per procedure of Office Order No. 17/2014 dated 19-03-2014 wherein various markets were visited and the actual prices of subject goods were acquired. As a result, after adjusting the amounts of profits, the C&F value was determined under Section 25(9) read with Section 25(7) of the Customs Act, 1969 further read with customs rule 121(2) of the Customs Rules, 2001, which are as under:

6. **Customs values of Networking Equipments:** - In view of above the transaction value of the Networking Equipments hereinafter specified in Annex-A, shall be the Customs value for assessment of duty & taxes given against them.

7. In cases, where declared values or values in invoice retrieved from the consignment, as the case may be, are higher than the customs values determined in this valuation ruling, the assessment shall be made on higher values in terms of sub-section (1) of Section 25 of the Customs Act, 1969.

8. In case of consignments imported by air, the difference between air freight and sea freight shall be added for the assessment of value.

9. The VR shall be applicable for the description and specifications of goods as mentioned in the aforementioned table. HS Codes are mentioned for illustrative purposes.

10. The Collectorates of customs shall ensure the implementation of VR and in case of any anomaly may be brought to the notice of this Directorate immediately.


(Dr. Tahir Qureshi)
Director

Copy for necessary action and implementation:

The Collectors / Directors of Customs, Collectorates / Directorates of Customs (Appraisalment-West / East / SAPT / PMBQ / JIAP / Enforcement/), Karachi / Hyderabad /

(Appraisalment / Enforcement / Ports), Quetta / Gwadar / Khuzdar (Appraisalment / Enforcement / AIIA), (Appraisalment–East / West, Lahore / Faisalabad Appraisalment / Enforcement, Sargodha / Enforcement & Appraisalment, Sambrial (Sialkot) / Enforcement, Multan / Islamabad / Gilgit-Baltistan / (Appraisalment/ Enforcement), Peshawar / Enforcement, Dera Ismail Khan / Exports (Port Qasim/Custom House, Karachi) / Transit Trade, Karachi.

Copy for information:

- 1) The Member Customs (Operations), F.B.R., Islamabad.
- 2) The Director General, Customs Valuation, Custom House, Karachi.
- 3) All Chief Collectors / Director Generals of Customs, Karachi / Lahore / Islamabad / Quetta / Peshawar.
- 4) All Collectors / Directors of Customs, Karachi / Lahore / Islamabad/ Quetta/ Peshawar/ Faisalabad.
- 5) The Director, Directorate of Customs Valuation, Lahore / Quetta / Peshawar.
- 6) The Deputy Director (MIS), Directorate General of Customs Valuation, Karachi, for uploading in One Customs & WEBOC database system.
- 7) The Chairman (Valuation Committee), FPCC&I, Federation House, Clifton, Karachi.
- 8) The Chambers of Commerce & Industry, Karachi, Lahore, Islamabad, Hyderabad, Quetta & Peshawar.
- 9) The Karachi Customs Agents Group, Bohri Road, Karachi.
- 10) The Webmaster, Federal Board of Revenue, Islamabad.
- 11) Guard File.

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GOVERNMENT OF PAKISTAN
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CUSTOM HOUSE, KARACHI

Annex-A

Annexure to Valuation Ruling No. 1931

Dated: 16-12-2024.

Sr. No.	Item Description	HS Code	Proposed PCT for WeBOC	Customs Value (C&F) USS/Per Pc				
				(5)	(6)	(7)	(8)	
(1)	(2)	(3)	(4)	CAT "A"	CAT "B"	CAT "C"	CAT "D"	
Wireless Router (Generation 4, 5, 6 and 7)								
Wireless Router (Generation 4 and 5) – 802.11 (a/b/g/n and ac)								
1	Upto 600Mbps 802.11 (a/b/g/n) wireless router	8517.6270	8517.6270.1000	33	21	10.50	7.50	
2	601Mbps-750Mbps 802.11ac wireless router		8517.6270.1100	70	35	21	16	
3	751Mbps-1200Mbps 802.11ac wireless router		8517.6270.1200	105	44	33	22	
4	1201Mbps-1900Mbps 802.11ac wireless router		8517.6270.1300	195	105	72	42	
5	1901Mbps-3500Mbps 802.11ac wireless router		8517.6270.1400	280	130	86	46	
6	3501Mbps-4800Mbps 802.11ac wireless router		8517.6270.1500	320	150	92	49	
7	4801Mbps & Above 802.11ac wireless router		8517.6270.1600	350	170	102	57	
Wireless Router (Generation 6) – 802.11ax								
8	Upto 1200Mbps 802.11ax wireless router		8517.6270.1700	119	51	38	26	
9	1201Mbps-1900Mbps 802.11ax wireless router		8517.6270.1800	208	113	75	46	
10	1901Mbps-3500Mbps 802.11ax wireless router		8517.6270.1900	295	135	91	55	
11	3501Mbps-4800Mbps 802.11ax wireless router		8517.6270.2000	337	160	98	59	
12	4801Mbps-6900Mbps 802.11ax wireless router		8517.6270.2100	365	175	109	72	
13	6901Mbps & Above 802.11ax wireless router	8517.6270.2200	450	190	168	120		
Wireless Router (Generation 7) – 802.11be								
14	Upto 9600Mbps 802.11be wireless router	8517.6270.2300	508	209	186	135		
15	9601Mbps-11500Mbps 802.11be wireless router	8517.6270.2400	561	239	218	205		
16	11500Mbps & Above 802.11be wireless router	8517.6270.2500	609	432	390	365		

Note: In cases where WIFI routers have an additional port of CATV/RF:

- USD 15 may be added in respective values of 5th Generation devices mentioned in para 1-7
- USD 30 may be added in respective values of 6th Generation devices mentioned in para 8-13
- USD 60 may be added in respective values of 7th Generation devices mentioned in para 14-16

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Deputy Director
Directorate General of Customs Valuation
Karachi



Unmanaged/SOHO 10/100 Networking Switches							
6	5-Port Fast Ethernet Networking Switch 10/100 unmanaged	8517.6970	8517.6970.1000	18.37	12.43	6.38	4.26
7	8-Port Fast Ethernet Networking Switch 10/100 unmanaged		8517.6970.1100	22.783	15.12	7.76	5.18
8	16-Port Fast Ethernet Networking Switch 10/100 unmanaged		8517.6970.1200	47.77	30.24	15.52	10.35
9	24-Port Fast Ethernet Networking Switch 10/100 unmanaged		8517.6970.1300	79.37	52.08	26.73	17.82
10	48-Port Fast Ethernet Networking Switch 10/100 unmanaged		8517.6970.1400	130.45	85.68	43.98	29.32
Unmanaged/SOHO Giga 10/100/1000 Networking Switches							
11	5-Port Networking Giga Switch 10/100/1000 unmanaged	8517.6970	8517.6970.1500	36.09	24.75	12.37	8.25
12	8-Port Networking Giga Switch 10/100/1000 unmanaged		8517.6970.1600	46.91	31.35	15.67	10.45
13	16-Port Networking Giga Switch 10/100/1000 unmanaged		8517.6970.1700	86.61	57.75	28.87	19.25
14	24-Port Networking Giga Switch 10/100/1000 unmanaged		8517.6970.1800	155.19	102.3	51.15	34.1
15	48-Port Networking Giga Switch 10/100/1000 unmanaged		8517.6970.1900	267.07	174.9	87.45	58.3
Unmanaged/SOHO 10/100 Networking POE Switches							
16	5-Port Unmanaged Networking Fast Ethernet POE Switch 10/100	8517.6970	8517.6970.2000	45.11	30.03	14.33	9.55
17	8-Port unmanaged Networking Fast Ethernet POE Switch 10/100 with 2 additional port/SFP		8517.6970.2100	57.75	37.95	18.11	12.07
18	16-Port Unmanaged Networking Fast Ethernet POE Switch 10/100 with 2 additional port/SFP		8517.6970.2200	115.49	75.9	36.22	24.15
19	24-Port Unmanaged Networking Fast Ethernet POE Switch 10/100 with 2 additional port/SFP		8517.6970.2300	205.72	135.3	64.57	43.05
20	48-Port Unmanaged Networking Fast Ethernet POE Switch 10/100 with 2 additional port/SFP		8517.6970.2400	400.61	264.00	126.00	84.00
Unmanaged/SOHO Giga 10/100/1000 Networking POE Switches							
21	5-Port Unmanaged Networking Giga Switch 10/100/1000	8517.6970	8517.6970.2500	79.39	52.80	25.20	16.80
22	8-Port Unmanaged Networking Giga Switch 10/100/1000 with 2 additional port/SFP		8517.6970.2600	108.27	70.95	33.86	22.57
23	16-Port Unmanaged Networking Giga Switch 10/100/1000 with 2 additional port/SFP		8517.6970.2700	252.64	163.35	77.96	51.97
24	24-Port Unmanaged Networking Giga Switch 10/100/1000 with 2 additional port/SFP		8517.6970.2800	418.66	275.55	131.51	45.67
25	48-Port Unmanaged Networking Giga Switch 10/100/1000 with 2 additional port/SFP		8517.6970.2900	696.55	458.7	218.93	145.95
Unmanaged Layer 2 10/100 Networking Switches							
26	5-Port unmanaged Fast Ethernet Networking Switch 10/100	8517.6970	8517.6970.3000	22.73	14.85	7.42	4.95
27	8-Port unmanaged Fast Ethernet Networking Switch 10/100		8517.6970.3100	31.03	20.46	10.23	6.82
28	16-Port unmanaged Fast Ethernet Networking Switch 10/100		8517.6970.3200	59.55	38.94	19.47	12.98
29	24-Port unmanaged Fast Ethernet Networking Switch 10/100		8517.6970.3300	101.05	66	33	22
30	48-Port unmanaged Fast Ethernet Networking Switch 10/100		8517.6970.3400	187.67	123.75	61.87	41.25

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Unmanaged Layer 2 Giga 10/100/1000 Networking Switches							
31	5-Port unmanaged networking Giga Switch 10/100/1000	8517.6970	8517.6970.3500	51.44	25.72	13.20	8.80
32	8-Port unmanaged networking Giga Switch 10/100/1000		8517.6970.3600	77.95	38.98	19.14	12.76
33	16-Port unmanaged networking Giga Switch 10/100/1000		8517.6970.3700	142.464	71.23	34.98	23.32
34	24-Port unmanaged networking Giga Switch 10/100/1000		8517.6970.3800	268.80	134.40	66.00	44.00
35	32-Port unmanaged networking Giga Switch 10/100/1000		8517.6970.3900	504.00	252.00	123.75	82.5
Unmanaged Layer 2 10/100 Networking POE Switches							
36	5-Port Unmanaged Networking 10/100 POE Switch	8517.6970	8517.6970.4000	72.182	47.85	23.925	15.95
37	8-Port Unmanaged Networking 10/100 POE Switch with 2 additional port/SFP		8517.6970.4100	93.84	61.05	30.52	20.35
38	16-Port Unmanaged Networking 10/100 POE Switch with 2 additional port/SFP		8517.6970.4200	223.76	146.85	73.42	48.95
39	24-Port Unmanaged Networking 10/100 POE Switch with 2 additional port/SFP		8517.6970.4300	360.91	254.1	127.05	84.70
40	48-Port Unmanaged Networking 10/100 POE Switch with 2 additional port/SFP		8517.6970.4400	721.82	468.6	234.3	156.2
Unmanaged Layer 2 Giga 10/100/1000 Networking POE Switches							
41	5-Port Unmanaged Networking Giga Switch 10/100/1000	8517.6970	8517.6970.4500	129.93	85.80	42.9	28.6
42	8-Port Unmanaged Networking Giga Switch 10/100/1000 with 2 additional port/SFP		8517.6970.4600	169.63	112.20	56.1	37.4
43	16-Port Unmanaged Networking Giga Switch 10/100/1000 with 2 additional port/SFP		8517.6970.4700	360.91	237.60	118.8	79.2
44	24-Port Unmanaged Networking Giga Switch 10/100/1000 with 2 additional port/SFP		8517.6970.4800	667.69	440.55	220.28	146.85
45	48-Port Unmanaged Networking Giga Switch 10/100/1000 with 2 additional port/SFP		8517.6970.4900	1118.8	745.25	367.13	244.75
Smart /Managed 10/100 Switches							
46	10-Port Smart Switch including 8-Port Ethernet 10/100 & 2-Ports Giga/SFP Combo	8517.6970	8517.6970.5000	95.64	62.7	31.35	20.9
47	18-Port Smart Switch including 16-Port Ethernet 10/100 & 2-Ports Giga/SFP Combo		8517.6970.5100	135.34	89.1	44.55	29.7
48	28-Port Smart Switch including 24-Port Ethernet 10/100 & 4-Ports Giga/SFP Combo		8517.6970.5200	225.57	148.5	74.25	49.5
49	52-Port Smart Switch including 48-Port Ethernet 10/100 & 4-Ports Giga/SFP Combo		8517.6970.5300	295.95	194.7	97.35	64.9
Smart /Managed Ethernet 10/100 POE Switches							
50	5-Port Smart Ethernet POE Switch 10/100 with 2 additional port/SFP	8517.6970	8517.6970.5400	64.96	42.9	21.45	14.3
51	8-Port Smart Ethernet POE Switch 10/100 with 2 additional port/SFP		8517.6970.5500	79.40	52.8	26.4	17.6
52	16-Port Smart Ethernet POE Switch 10/100 with 2 additional port/SFP		8517.6970.5600	158.8	105.6	52.8	35.2
53	24-Port Smart Ethernet POE Switch 10/100 with 2 additional port/SFP		8517.6970.5700	270.68	176.55	88.275	58.85
Smart /Managed Giga 10/100/1000 Switches							
54	10-Port Smart Giga Switch 10/100/1000 with 2 additional port/SFP	8517.6970	8517.6970.5800	160.6	105.6	52.8	35.2
55	18 Ports Smart Giga Switch including 16-Port 10/100/1000 & 2-SFP Combo Ports		8517.6970.5900	225.57	148.5	74.25	49.5

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56	28-Port Smart Giga Switch including 24-Port 10/100/1000 & 4-SFP Combo Ports		8517.6970.6000	360.91	247.5	123.75	82.5
57	52-Port Smart Giga Switch 10/100/1000 with 2 additional port/SFP		8517.6970.6100	494.45	325.05	162.53	108.35
Smart /Managed Giga 10/100/1000 POE Switches							
58	10-Ports Smart Switch including 8-Ports 10/100/1000 POE & 2-Ports SFP Combo	8517.6970	8517.6970.6200	180.46	117.15	58.575	39.05
59	18-Ports Smart 10/100/1000 POE switch with 2 additional port/SFP		8517.6970.6300	353.69	232.65	116.33	77.55
60	28-Port Smart Switch including 24-Ports 10/100/1000 POE & 4-Ports SFP Combo		8517.6970.6400	505.27	334.95	167.48	111.65
61	52-Port Smart Switch including 24-Ports 10/100/1000 POE & 24-Ports 10/100/1000 & 4-Port SFP Combo		8517.6970.6500	848.14	557.7	278.85	185.9
Smart /Managed Layer-2 10/100 Switches							
62	10-Port Layer 2 Managed Switch 10/100 with 2 additional port/SFP	8517.6970	8517.6970.6600	238.2	156.75	78.375	52.25
63	18-Port Layer 2 Managed Switch 10/100 with 2 additional port/SFP		8517.6970.6700	310.38	204.6	102.3	68.2
64	28-Port Layer 2 Managed Switch 10/100 with 2 additional port/SFP		8517.6970.6800	433.09	287.1	143.55	95.7
65	52-Port Layer 2 Managed Switch 10/100 with 2 additional port/SFP		8517.6970.6900	631.59	415.8	207.9	138.6
Smart/ Managed Layer-2 Giga 10/100/1000 Switches							
66	10-Port Layer 2, Managed Switch including 8-Port 10/100 & 2-Giga/SFP combo Ports	8517.6970	8517.6970.7000	397	260.7	130.35	86.9
67	18-Port Layer 2, Managed Switch including 16-Port 10/100 & 2-Giga/SFP combo Ports		8517.6970.7100	523.32	343.2	171.6	114.4
68	28-Ports Layer 2, Managed Switch including 24-Port 10/100 & 4-Giga/SFP combo Ports		8517.6970.7200	721.82	429	214.5	158.95
69	52-Ports Layer 2, Managed Switch including 48-Port 10/100 & 4-Giga/SFP combo Ports		8517.6970.7300	1046.6	693	346.5	231
Smart/ Managed Layer-3 Giga 10/100/1000 Switches							
70	10-Port Layer 3, Managed Switch including 8-Port 10/100 & 2-Giga/SFP combo Ports	8517.6970	8517.6970.7400	541.37	353.1	176.55	117.7
71	18-Port Layer 3, Managed Switch including 16-Port 10/100 & 2-Giga/SFP combo Ports		8517.6970.7500	685.73	458.7	229.35	152.9
72	28-Port Layer 3, Managed Switch including 24-Port 10/100 & 4-Giga/SFP combo Ports		8517.6970.7600	974.46	636.9	318.45	212.3
73	52-Port Layer 3, Managed Switch including 48-Port 10/100 & 4-Giga/SFP combo Ports		8517.6970.7700	1497.8	985.05	492.53	328.35
Smart/ Managed Layer-2 10/100 POE Switches							
74	10-Port Layer 2 Managed POE Switch 10/100 with 2 additional port/SFP	8517.6970	8517.6970.7800	281.51	184.8	92.4	61.6
75	18-Port Layer 2 Managed POE Switch 10/100 with 2 additional port/SFP		8517.6970.7900	397.00	257.4	128.7	85.8
76	28-Port Layer 2 Managed POE Switch 10/100 with 2 additional port/SFP		8517.6970.8000	613.55	400.95	200.48	133.65
77	52-Port Layer 2 Managed POE Switch 10/100 with 2 additional port/SFP		8517.6970.8100	884.23	580.80	290.4	193.6

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Smart/ Managed Layer-2 Giga 10/100/1000 POE Switches							
78	10-Port Layer 2 Managed Giga POE Switch 10/100/1000 with 2 additional port/SFP	8517.6970	8517.6970.8200	559.41	366.3	183.15	122.1
79	18-Port Layer 2 Managed Giga POE Switch 10/100/1000 with 2 additional port/SFP		8517.6970.8300	721.82	480.15	240.08	160.05
80	28-Port Layer 2 Managed Giga POE Switch 10/100/1000 with 2 additional port/SFP		8517.6970.8400	1010.5	572	286.00	222.2
81	52-Port Layer 2 Managed Giga POE Switch 10/100/1000 with 2 additional port/SFP		8517.6970.8500	1479.7	970.2	485.10	323.4
Smart Managed Layer-3 Catalyst Giga 10/100/1000 POE Switches							
82	10-Port Layer 3 Managed Giga POE Switch 10/100/1000 with 2 additional port/SFP	8517.6970	8517.6970.8600	1082.7	706.2	353.10	235.4
83	18-Port Layer 3 Managed Giga POE Switch 10/100/1000 with 2 additional port/SFP		8517.6970.8700	1389.5	917.4	458.70	305.8
84	28-Ports Managed L3 Switch including 20-Ports POE & 4-SFP Combo & 4x10G Uplink Ports		8517.6970.8800	1930.9	1272.2	636.08	424.05
85	56-Ports Managed L3 Switch including 48-Ports POE & 4-SFP Combo & 4x10G Uplink Ports		8517.6970.8900	2995.6	1970.1	985.05	656.7
Wireless USB Adapters/Cards							
86	300Mbps PCI/USB 11 (a/b/g/n) wireless Adapter	8517.6990	8517.6990.1000	18.04	12.04	6.02	4.0
87	750Mbps PCI/USB 11 (a/b/g/n/ac) wireless Adapter		8517.6990.1100	28.87	19.80	9.90	6.60
88	1200Mbps PCI/USB 11 (a/b/g/n/ac) wireless Adapter		8517.6990.1200	34.28	23.10	11.55	7.7
89	1900Mbps PCI/USB 11 (a/b/g/n/ac) wireless Adapter		8517.6990.1300	57.74	37.95	18.97	12.65
Wireless POE Outdoor Access Points							
90	Wireless 300Mbps outdoor Access point/Bridge/CPE/multiple modes with Poe, 5Ghz, with antenna	8517.6970	8517.6970.9000	70.37	46.2	23.1	15.4
91	Wireless AC 1200 Dual Band (11a/b/g/n/ac) Outdoor Poe Access Point, 2 GbE ports, with antennas		8517.6970.9100	117.3	77.55	38.77	25.85
92	Wireless 300Mbps 11n/11g Managed Wireless Access point/Bridge/CPE, 10/100/1000Mbps Poe port, with antenna		8517.6970.9200	73.98	49.5	24.75	16.5
93	Wireless 1200Mbps Managed 11AC Access point, 1x Poe Gigabit Port, Ceiling/Wall/Desktop mounting, with antenna		8517.6970.9300	245.42	161.7	80.85	53.9
94	Wireless 11ac, Managed Access Point, 6 x detachable antenna, (AP/WDS/Client mode) , Poe Gigabit port		8517.6970.9400	360.91	254.1	127.05	84.7
Wireless POE Indoor Access Points							
95	Wireless 300Mbps 11 (a/b/g/n) Indoor Access Point with POE option	8517.6970	8517.6970.9500	46.91	31.68	15.84	10.56
96	Wireless AC 750 Dual Band (11a/b/g/n/ac) Indoor Access Point with POE option		8517.6970.9600	93.84	63.36	31.68	21.12
97	Wireless AC 1200 Dual Band (11a/b/g/n/ac) Indoor Access Point with POE option		8517.6970.9700	126.32	84.81	42.40	28.27
98	Wireless AC 1900 Dual Band (11a/b/g/n/ac) Indoor Access Point with POE option		8517.6970.9800	166.0	109.56	54.78	36.52

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KVM switch/USB HUB							
99	2-port (PS2 and USB) KVM Switch	8517.6970	8517.6970.9900	45.11	29.7	14.85	9.9
100	4 port (PS2 and USB) KVM Switch		8517.6970.9910	99.25	66.0	33	22
101	8-Port Combo KVM Switch rack mountable (PS2 and USB) including 4 cables		8517.6970.9920	505.27	339.9	169.95	113.3
102	16-Port Combo KVM Switch rack mountable (PS2 and USB) including 4 cables		8517.6970.9930	775.96	511.5	255.75	170.5
103	4-Port USB Hub		8517.6970.9940	23.45	15.51	7.75	5.17
104	8-Port USB Hub		8517.6970.9950	42.94	28.38	14.19	9.46
Media Converter							
105	Media Converter 10/100, Fibre to Ethernet Single-mode	8517.6990	8517.6990.1400	40.05	26.40	13.20	8.8
106	Media Converter 10/100, Fibre to Ethernet Multimode		8517.6990.1500	46.46	29.70	14.85	9.90
107	Media Converter 10/100, Fiber to Ethernet Multimode OM3		8517.6990.1600	84.91	63.36	31.68	21.12
108	Media Converter 10/100/1000, Giga to Fibre Multimode		8517.6990.1700	80.10	63.36	31.86	23.65
109	Media Converter 10/100/1000, Giga Fibre to Ethernet Single-mode		8517.6990.1800	96.12	54.45	27.23	18.15
Category-A: Cisco/ Juniper/ Trapeze/ IBM							
Category-B: Foundry/ Alcatel Lucent/ Huawei/ Aruba/ HPN/ Blue Coat/ Dell/ Brocade/ Fortinet / Meru/ Lenovo/ Extreme/ ZTE/ F5/ Nortel/ Avaya/ Emulex/ Motorola/ Nokia- Siemens/ Lotus Foundation/ Fluke Networks							
Category-C: Linksys/ SMC/ Allied Telesys/ Maipu/ Netgear/ Trendnet/ Mikrotik/ Ubiquiti/ Rokus/ zyxel/ Belkin/ Avnet/ Moxa/ Lancom							
Category-D: TP-Link/ D-Link/ Tenda/ V-Link/ Micro Link/ Black Copper/ A Plus/ Netis/ Bay-Lan/ O-Ring/ Engenius/ Q Logic/ Netcom/ LB-Link/ TOTO Link/ MT-Link/ Mercusys/ Witek/ Hikvision/ Dahua/ Baynet/Vsol/ WIS-Network and all other similar brands.							

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