



GOVERNMENT OF PAKISTAN  
DIRECTORATE GENERAL OF CUSTOMS VALUATION  
7<sup>TH</sup> FLOOR, CUSTOM HOUSE, KARACHI  
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The Collectors of Customs, Collectorates of Customs (Appraisement – West)/ Appraisement – East / SAPT / Appraisement – Port Muhammad Bin Qasim / Enforcement / JIAP), Karachi / Hyderabad/ (Appraisement/Enforcement), Quetta/Gawadar/ Khuzdar (Appraisement/ Enforcement/ AIIA), (Appraisement East/West), Lahore, Faisalabad/ Appraisement, Sargodha/ Enforcement, Sambrial (Sialkot)/ Enforcement, Multan/ Islamabad/ Gilgit-Baltistan/ (Appraisement/ Enforcement), Peshawar/ Enforcement, Dera Ismail Khan/Exports (Port Qasim/Custom House, Karachi)/Transit Trade. Karachi.

**DETERMINATION OF CUSTOMS VALUES OF NETWORKING EQUIPMENTS**  
**PCTs ( 8517.6270, 8517.6970 & 8517.6990) UNDER SECTION 25-A OF THE**  
**CUSTOMS ACT, 1969**

**(VALUATION RULING NO. 1882 /2024)**

No. Misc/24/2015/VIII/P-1/527(A)

Dated: 24-05-2024

In exercise of the powers conferred under Section 25A of the Customs Act, 1969, the Customs values of Networking Equipments (8517.6270, 8517.6970 & 8517.6990) are determined as follows:

2. **Background of the valuation issue:** Earlier, the Customs values of Networking Equipments were determined under Section 25A of the Customs Act, 1969 vide Valuation Ruling No.1481/2020 dated 02-11-2020. The Valuation Ruling was more than three years old and the values of subject goods in the international markets are showing varying trends. Therefore, keeping in view the above facts, an exercise has been undertaken by this Directorate to re-determine the Customs values afresh in line with values prevalent in the international market.

3. **Analysis / Exercise done to determine Customs Values:** In this regard, meeting dated 01-03-2024 was held in the Directorate of Customs Valuation, Karachi. During the meeting, certain importers have submitted the documents along with customs appellate tribunal's order in Appeal No. K-41/2022 dated 16-05-2023 in which tribunal set aside the Valuation Ruling to the extent of appellant. These documents along with customs appellate tribunal observations were examined carefully to determine customs values in impugned Valuation Ruling. Moreover, Ninety (90) days' clearance data has been retrieved and the same has been scrutinized. Subsequently, market inquiry has been conducted and examined in the light of this Directorate's Office Order No.17/2014 dated 19-03-2014 and in terms of Section 25 (7) read with Section 25(9) of the Customs Act, 1969.

4. **Method (s) adopted to determine Customs values:** Valuation methods specified in Section 25 of the Customs Act, 1969, are duly considered in sequential order to arrive at the Customs values of subject goods. The transaction value method as provided in sub-section (1) of Section 25 of the Customs Act, 1969, was found inapplicable due to absence of information as required under sub-section (2) of Section 25 of Customs Act, 1969. Therefore,



identical goods value method provided in Section 25(5) was examined for applicability to determine Customs values of subject goods. However, it was found that the same could not be solely relied upon due to absence of absolute demonstrable evidences of quantities and qualities. Information available was, hence, found incomplete. Subsequently, similar goods value method provided in Section 25(6) was also examined for applicability to determine Customs values of subject goods. The assessed values in similar goods import data of Networking equipments for the last 90 days of various origins reflected values as per previous VR No. 1481/2020 dated 02-11-2020. However, Declared Values (DV) of similar goods had shown consistent variations. Hence, this method was also found inapplicable. Market enquiry as envisaged under Sub-Section (7) of Section 25 of the Customs Act, 1969 was also conducted but could yield results to some extent because of variation in market prices. In line with statutory sequential order of section 25, Computed value method, as provided in Section 25(8) of the Customs Act, 1969 was examined, but the same also could not be applied as the conversion cost from the constituent materials and allied expenses, in the country of export, were not available for manufacturing of Networking equipments. Finally, the Customs values of the subject goods have been determined under Section 25(9), read with Section 25(7), and Customs Rule 121(2) of Customs Rules, 2001 which provides that the methods of valuation, to be employed under sub-section (9) of section 25 of the Act may be inclusive of those laid down in sub-sections (1), (5), (6), (7) and (8) of the said section, but a reasonable flexibility in the application of such methods would be in conformity with the aims and provisions of sub-section (9) of that section.

5. **Customs values for Networking Equipments:** Networking Equipments hereinafter specified in **Annex-A**, shall be assessed to duty / taxes on the minimum Customs values mentioned therein.

6. In cases, where declared values are higher than the Customs values determined in this Ruling, the assessing officers shall apply those values in terms of sub-section (1) of Section 25 of the Customs Act, 1969. In case of consignments imported by air, the assessing officers shall take into account the difference between air freight and sea freight while applying the Customs values in this Ruling.

7. **Validity of this Valuation Ruling:** This Ruling, containing the Customs values for assessment of subject imported goods, shall be applicable until and unless the same are rescinded or revised by the competent authority in terms of sub-section (4) of Section 25A of the Customs Act, 1969.

8. **Revision of the values determined vide this Valuation Ruling:** If aggrieved, a revision petition may be filed against this ruling as provided under Section 25D of the Customs Act, 1969, within 30 days from the date of its issuance, before the Director General, Directorate General of Customs Valuation, 7<sup>th</sup> Floor, Custom House, Karachi.

9. The Collectors of Customs may kindly ensure that the values given in this Valuation Ruling are applied by the concerned staff without fail. Any anomaly observed may kindly be brought to the notice of this Directorate immediately. Customs values determined in the Ruling are for the description and specification as mentioned in the table of this Ruling. PCT Codes are mentioned for illustrative purposes so that Valuation Ruling values are made accessible to the assessing officers. The assessment shall be finalized on the basis of correct



classification after fulfilling requisite formalities related to importability or any other certifications required thereon. In addition to this, it is further necessary to verify that there is no mis-declaration of any sort or violation of Import Policy Order or Section 15 of the Customs Act, 1969 or any other law in vogue therein.

10. *This Ruling supersedes Valuation Ruling No.1481/2020 dated 02-11-2020.*

  
(Fayaz Rasool Maken)  
Director

Copy for information to: -

- 1) The Member Customs (Operations), Federal Board of Revenue, Islamabad.
- 2) The Director General, Customs Valuation, Custom House, Karachi.
- 3) The Chief Collector of Customs, Appraisalment (South), Custom House, Karachi.
- 4) The Chief Collector of Customs, Enforcement (South), Custom House, Karachi.
- 5) The Chief Collector of Customs, Appraisalment (Central), Custom House, Lahore.
- 6) The Chief Collector of Customs, Enforcement (Central), Custom House, Lahore.
- 7) The Chief Collector of Customs (North), Custom House, Islamabad.
- 8) The Chief Collector of Customs, Baluchistan, Custom House, Quetta.
- 9) The Chief Collector of Customs, Khyber Pakhtunkhwa, Custom House, Peshawar.
- 10) The Director General, Intelligence and Investigation (Customs), FBR, Islamabad.
- 11) The Director General, PCA & Internal Audit, Karachi.
- 12) The Director General, IOCO, Karachi
- 13) The Director, Intelligence & Investigation, Karachi / Lahore / Islamabad/ Quetta/ Peshawar/ Faisalabad.
- 14) The Director, Transit Trade, Custom House Karachi
- 15) The Director, Directorate of Customs Valuation, Lahore/Quetta/Peshawar.
- 16) The Deputy Director (HQ), Directorate General of Customs Valuation, Karachi, for uploading in One Customs & WeBOC database system.
- 17) The Chairman (Valuation Committee), FPCC&I, Federation House, Clifton, Karachi.
- 18) The Chambers of Commerce & Industry, Karachi, Lahore, Islamabad, Hyderabad, Quetta & Peshawar.
- 19) The Karachi Customs Agents Group, Bohri Road, Karachi.
- 20) The Webmaster, Federal Board of Revenue, Islamabad.
- 21) Guard File.

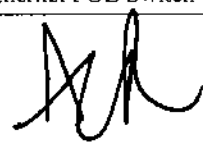


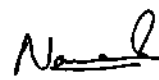
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DIRECTORATE OF CUSTOMS VALUATION  
CUSTOM HOUSE, KARACHI**

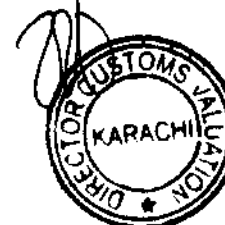
Annexure to Valuation Ruling No. **1882** Dated: **24-05-2024**

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"
<b>300mbps/750Mbps/1200 Mbps and higher Wireless Router</b>							
1	Upto 300Mbps 11 (a/b/g/n) Wireless Router with 4-Port 10/100M including antenna	8517.6270	8517.6270.1000	32.48	20.46	10.23	6.82
2	Wireless AC 750 Dual Band (11a/b/g/n/ac) cloud, green Router, 4 x Ethernet port		8517.6270.2000	83.00	51.15	25.57	17.05
3	Wireless AC 1200 Dual Band (11a/b/g/n/ac) cloud Black Color Router, 4 x gigabit port		8517.6270.3000	115.49	66.00	33.0	22.00
4	Wireless AC 1900 Dual Band (11a/b/g/n/ac) cloud Router, 4 x gigabit port, including external antenna		8517.6270.4000	216.55	145.20	72.6	48.40
5	Above AC 1900 Wireless Dual Band (11a/b/g/n/ac) cloud Router, including external antenna		8517.6270.5000	332.04	219.45	109.73	73.15
<b>Unmanaged/SOHO 10/100 Networking Switches</b>							
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
<b>Unmanaged/SOHO Giga 10/100/1000 Networking Switches</b>							
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
<b>Unmanaged/SOHO 10/100 Networking POE Switches</b>							
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

  
**NADEEM SHAHZAD**  
Assistant Valuation Officer  
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**AZKA ZAFAR RANA**  
Deputy Director  
Directorate General of Customs  
Valuation Customs House, Karachi

  
**Muhammad Nauman Tashteen**  
Additional Director (HQ)  
Customs Valuation Karachi



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
<b>Unmanaged/SOHO Giga 10/100/1000 Networking POE Switches</b>							
21	5-Port Unmanaged Networking Giga Switch 10/100/1000		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	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
<b>Unmanaged Layer 2 10/100 Networking Switches</b>							
26	5-Port unmanaged Fast Ethernet Networking Switch 10/100		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	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
<b>Unmanaged Layer 2 Giga 10/100/1000 Networking Switches</b>							
31	5-Port unmanaged networking Giga Switch 10/100/1000		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	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
<b>Unmanaged Layer 2 10/100 Networking POE Switches</b>							
36	5-Port Unmanaged Networking 10/100 POE Switch		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	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
<b>Unmanaged Layer 2 Giga 10/100/1000 Networking POE Switches</b>							
41	5-Port Unmanaged Networking Giga Switch 10/100/1000		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	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

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**AZKA ZAFAR RANA**  
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 Directorate General of Customs  
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**Muhammad Nauman Tashteen**  
 Additional Director (HQ)  
 Customs Valuation Karachi



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
<b>Smart /Managed 10/100 Switches</b>							
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
<b>Smart /Managed Ethernet 10/100 POE Switches</b>							
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
<b>Smart /Managed Giga 10/100/1000 Switches</b>							
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
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
<b>Smart /Managed Giga 10/100/1000 POE Switches</b>							
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
<b>Smart /Managed Layer-2 10/100 Switches</b>							
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
<b>Smart /Managed Layer-2 Giga 10/100/1000 Switches</b>							
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

*[Signature]*  
 Director General  
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 Valuation Customs House, Karachi

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 Deputy Director  
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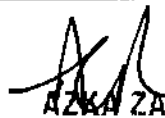
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 Additional Director (HQ)  
 Customs Valuation Karachi




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
<b>Smart/ Managed Layer-3 Giga 10/100/1000 Switches</b>							
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
<b>Smart/ Managed Layer-2 10/100 POE Switches</b>							
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
<b>Smart/ Managed Layer-2 Giga 10/100/1000 POE Switches</b>							
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
<b>Smart Managed Layer-3 Catalyst Giga 10/100/1000 POE Switches</b>							
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
<b>Wireless USB Adapters/Cards</b>							
86	300Mbps PCI/USB II (a/b/g/n) wireless Adapter	8517.6990	8517.6990.1000	18.04	12.04	6.02	4.0
87	750Mbps PCI/USB II (a/b/g/n/ac) wireless Adapter		8517.6990.1100	28.87	19.80	9.90	6.60
88	1200Mbps PCI/USB II (a/b/g/n/ac) wireless Adapter		8517.6990.1200	34.28	23.10	11.55	7.7
89	1900Mbps PCI/USB II (a/b/g/n/ac) wireless Adapter		8517.6990.1300	57.74	37.95	18.97	12.65
<b>Wireless POE Outdoor Access Points</b>							
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



Asim  
Deputy Director  
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Additional Director (HO)  
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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
<b>Wireless POE Indoor Access Points</b>							
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
<b>KVM switch/USB HUB</b>							
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
<b>Media Converter</b>							
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 (Classic)/ 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/ Cisco (SMB)/ 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							

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