

## Technical information

**Hardware tables:**

**System z z114 – 2818**

**System z z196 – 2817**

**System z z10 EC – 2097 (700 Series)**

**System z z10 EC – 2097 (400/500/600 Series)**

**System z z10 BC – 2098**

**Mainframe hardware timeline 1952-2012**

**Mainframe operating system development**

## Technical information

Model	IBM MIPS	MSUs	Model	IBM MIPS	MSUs
2818-A01	26	3	2818-H03	207	26
2818-B01	29	4	2818-P01	216	27
2818-C01	38	5	2818-I03	228	29
2818-D01	46	6	2818-G04	233	29
2818-A02	47	6	2818-L02	236	30
2818-E01	51	7	2818-F05	237	30
2818-B02	53	7	2818-Q01	247	31
2818-F01	59	7	2818-J03	254	32
2818-A03	67	9	2818-H04	266	33
2818-C02	69	9	2818-R01	272	34
2818-G01	70	9	2818-M02	273	34
2818-B03	75	10	2818-G05	281	35
2818-H01	80	10	2818-K03	285	36
2818-D02	84	11	2818-I04	293	37
2818-A04	86	11	2818-S01	303	38
2818-I01	88	11	2818-N02	313	40
2818-E02	93	12	2818-H05	321	40
2818-B04	96	12	2818-J04	326	41
2818-J01	98	12	2818-L03	337	42
2818-C03	98	12	2818-T01	340	42
2818-A05	104	13	2818-O02	351	44
2818-F02	107	13	2818-I05	353	44
2818-K01	110	14	2818-K04	366	46
2818-B05	116	15	2818-U01	389	49
2818-D03	119	15	2818-M03	389	49
2818-C04	126	16	2818-P02	393	49
2818-G02	127	16	2818-J05	394	49
2818-L01	130	16	2818-V01	429	53
2818-E03	132	16	2818-L04	432	54
2818-H02	145	18	2818-K05	442	55
2818-M01	150	19	2818-N03	446	56
2818-F03	153	19	2818-Q02	449	56
2818-D04	153	19	2818-W01	480	60
2818-C05	153	19	2818-R02	494	62
2818-I02	160	20	2818-M04	499	62
2818-E04	170	21	2818-O03	500	62
2818-N01	172	21	2818-L05	522	65
2818-J02	178	22	2818-S02	551	69
2818-G03	181	23	2818-P03	560	70
2818-D05	185	23	2818-N04	572	71
2818-O01	193	24	2818-X01	584	73
2818-F04	196	25	2818-M05	602	75
2818-K02	200	25	2818-T02	618	77
2818-E05	205	26	2818-Q03	640	80

IBM System z z114 — 2818 (continues)

## Technical information

Model	IBM MIPS	MSUs	Model	IBM MIPS	MSUs
2818-O04	642	80	2818-T04	1130	140
2818-Y01	690	86	2818-S05	1217	151
2818-N05	691	86	2818-W03	1244	155
2818-R03	705	88	2818-Y02	1254	156
2818-U02	707	88	2818-U04	1293	161
2818-P04	718	90	2818-T05	1366	170
2818-O05	775	97	2818-Z02	1421	177
2818-V02	780	98	2818-V04	1426	177
2818-Z01	782	98	2818-X03	1514	188
2818-S03	785	98	2818-U05	1562	194
2818-Q04	821	102	2818-W04	1595	198
2818-P05	868	108	2818-V05	1723	214
2818-W02	873	109	2818-Y03	1788	221
2818-T03	881	110	2818-W05	1928	239
2818-R04	904	113	2818-X04	1941	240
2818-Q05	992	123	2818-Z03	2026	251
2818-S04	1007	125	2818-Y04	2293	283
2818-U03	1008	125	2818-X05	2346	290
2818-X02	1062	132	2818-Z04	2598	321
2818-R05	1092	136	2818-Y05	2771	343
2818-V03	1112	138	2818-Z05	3139	388

## IBM System z z114 — 2818 (continued)

Model	IBM MIPS	MSUs	Model	IBM MIPS	MSUs
2817-401	240	30	2817-719	16,476	1,983
2817-402	459	58	2817-720	17,171	2,064
2817-403	672	85	2817-721	17,862	2,144
2817-404	879	110	2817-722	18,550	2,224
2817-405	1,082	135	2817-723	19,234	2,306
2817-406	1,280	160	2817-724	19,915	2,388
2817-407	1,476	183	2817-725	20,592	2,469
2817-408	1,667	207	2817-726	21,266	2,550
2817-409	1,855	229	2817-727	21,937	2,627
2817-410	2,039	252	2817-728	22,604	2,704
2817-411	2,220	274	2817-729	23,268	2,780
2817-412	2,397	296	2817-730	23,929	2,855
2817-413	2,571	318	2817-731	24,586	2,927
2817-414	2,742	339	2817-732	25,241	2,998
2817-415	2,909	359	2817-733	25,893	3,068
2817-501	588	74	2817-734	26,543	3,134
2817-502	1,123	140	2817-735	27,191	3,207
2817-503	1,642	204	2817-736	27,837	3,279
2817-504	2,147	265	2817-737	28,482	3,351
2817-505	2,639	326	2817-738	29,124	3,418
2817-506	3,118	385	2817-739	29,765	3,489
2817-507	3,586	442	2817-740	30,403	3,564
2817-508	4,042	498	2817-741	31,040	3,639
2817-509	4,486	552	2817-742	31,675	3,713
2817-510	4,919	604	2817-743	32,308	3,788
2817-511	5,342	655	2817-744	32,938	3,861
2817-512	5,754	705	2817-745	33,568	3,935
2817-513	6,156	754	2817-746	34,195	4,009
2817-514	6,547	806	2817-747	34,820	4,082
2817-515	6,929	849	2817-748	35,443	4,155
2817-601	768	97	2817-749	36,065	4,228
2817-602	1,460	182	2817-750	36,683	4,300
2817-603	2,131	263	2817-751	37,297	4,372
2817-604	2,783	344	2817-752	37,907	4,444
2817-605	3,417	421	2817-753	38,514	4,515
2817-606	4,035	497	2817-754	39,117	4,586
2817-607	4,635	569	2817-755	39,717	4,656
2817-608	5,219	640	2817-756	40,313	4,726
2817-609	5,788	709	2817-757	40,905	4,795
2817-610	6,341	777	2817-758	41,494	4,864

**IBM System z z196 — 2817 (continues)**

2817-611	6,879	843	2817-759	42,079	4,933
2817-612	7,403	907	2817-760	42,661	5,001
2817-613	7,913	969	2817-761	43,239	5,069
2817-614	8,409	1,028	2817-762	43,814	5,136
2817-615	8,891	1,084	2817-763	44,385	5,203
2817-701	1,202	150	2817-764	44,953	5,270
2817-702	2,272	281	2817-765	45,517	5,336
2817-703	3,311	408	2817-766	46,078	5,402
2817-704	4,320	531	2817-767	46,622	5,466
2817-705	5,300	650	2817-768	47,147	5,528
2817-706	6,251	766	2817-769	47,656	5,588
2817-707	7,175	879	2817-770	48,149	5,646
2817-708	8,072	988	2817-771	48,626	5,702
2817-709	8,943	1,091	2817-772	49,087	5,757
2817-710	9,788	1,191	2817-773	49,534	5,810
2817-711	10,609	1,286	2817-774	49,967	5,862
2817-712	11,407	1,381	2817-775	50,385	5,912
2817-713	12,181	1,473	2817-776	50,791	5,960
2817-714	12,932	1,562	2817-777	51,183	6,007
2817-715	13,662	1,648	2817-778	51,563	6,053
2817-716	14,371	1,731	2817-779	51,931	6,097
2817-717	15,076	1,816	2817-780	52,286	6,140
2817-718	15,778	1,899			

**IBM System z z196 — 2817 (continued)**

Model	IBM MIPS	MSUs	Model	IBM MIPS	MSUs
701	920	115	733	18,376	2,257
702	1,729	215	734	18,819	2,309
703	2,497	312	735	19,259	2,366
704	3,226	401	736	19,696	2,422
705	3,930	488	737	20,131	2,478
706	4,609	571	738	20,562	2,530
707	5,266	651	739	20,992	2,585
708	5,900	729	740	21,418	2,636
709	6,512	804	741	21,841	2,687
710	7,103	875	742	22,260	2,740
711	7,674	944	743	22,677	2,789
712	8,225	1,011	744	23,090	2,838
713	8,757	1,076	745	23,500	2,886
714	9,284	1,139	746	23,906	2,934
715	9,805	1,202	747	24,309	2,981
716	10,321	1,264	748	24,709	3,028
717	10,831	1,329	749	25,106	3,075
718	11,336	1,390	750	25,500	3,120
719	11,836	1,451	751	25,891	3,166
720	12,331	1,512	752	26,279	3,214
721	12,821	1,571	753	26,664	3,262
722	13,306	1,631	754	27,045	3,305
723	13,786	1,690	755	27,424	3,352
724	14,262	1,748	756	27,800	3,395
725	14,732	1,805	757	28,171	3,438
726	15,198	1,865	758	28,539	3,480
727	15,660	1,922	759	28,902	3,525
728	16,120	1,979	760	29,261	3,570
729	16,577	2,037	761	29,616	3,611
730	17,031	2,092	762	29,967	3,652
731	17,482	2,146	763	30,314	3,695
732	17,931	2,200	764	30,657	3,739

**IBM System z z10 EC — 2097 (700 Series)**

Model	IBM MIPS	MSUs	Model	IBM MIPS	MSUs
401	218	27	507	2,761	340
402	413	51	508	3,103	382
403	600	75	509	3,435	422
404	779	97	510	3,758	462
405	954	118	511	4,071	500
406	1,125	139	512	4,376	537
407	1,291	160	601	638	79
408	1,453	180	602	1,204	149
409	1,612	199	603	1,743	215
410	1,766	218	604	2,257	277
411	1,917	237	605	2,755	339
412	2,063	255	606	3,238	398
501	471	58	607	3,707	455
502	891	110	608	4,162	511
503	1,292	160	609	4,603	565
504	1,675	207	610	5,031	617
505	2,048	252	611	5,445	668
506	2,410	296	612	5,848	717

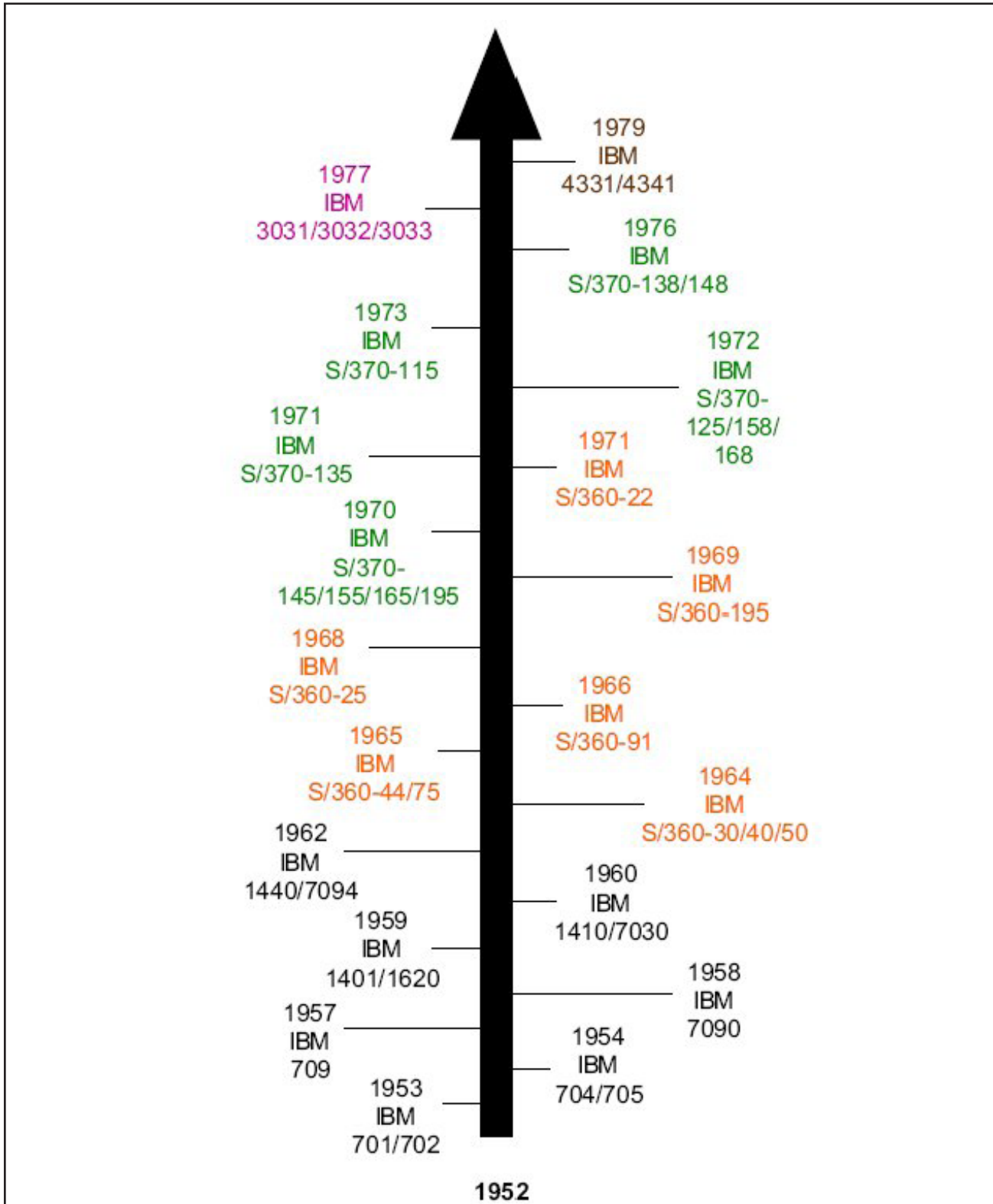
**IBM System z z10 EC – 2097 (400/500/600 Series)**

Model	IBM MIPS	MSUs	Model	IBM MIPS	MSUs
A01	26	3	I05	361	45
B01	30	4	K04	372	46
C01	38	5	U01	381	47
D01	46	6	M03	398	49
A02	48	6	P02	401	50
E01	53	7	J05	402	50
B02	56	7	V01	429	53
F01	59	7	L04	440	55
A03	69	9	Q02	449	56
G01	70	9	K05	451	56
C02	71	9	N03	456	57
H01	78	10	W01	480	60
B03	80	10	R02	501	62
D02	85	11	M04	508	63
A04	88	11	O03	511	63
I01	88	11	L05	533	66
J01	98	12	X01	538	67
E02	99	12	S02	563	70
C03	101	12	P03	572	71
B04	102	13	N04	582	72
A05	107	13	M05	615	76

**IBM System z z10 BC – 2098 (continues)**

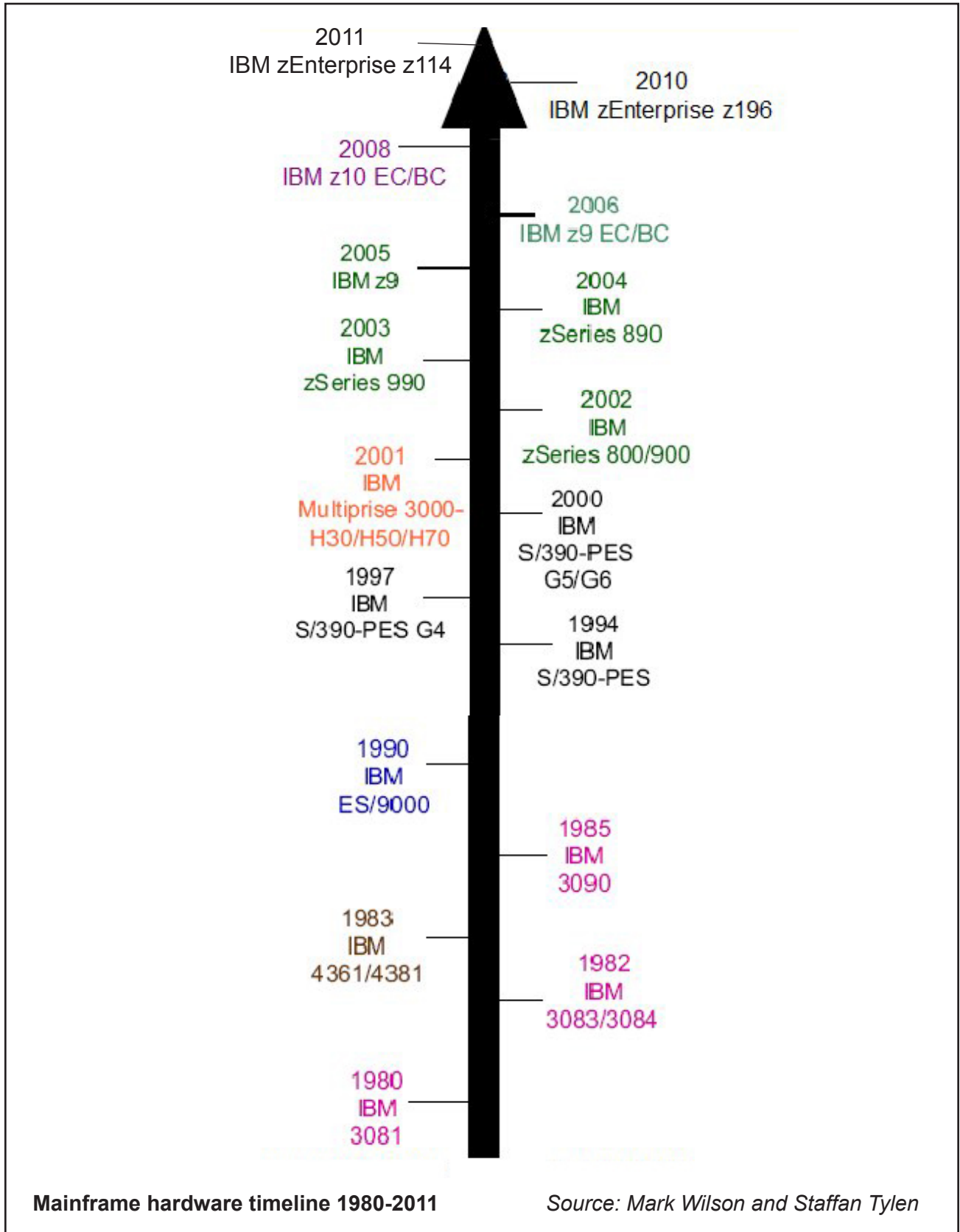
Model	IBM MIPS	MSUs	Model	IBM MIPS	MSUs
F02	110	14	Y01	615	76
K01	110	14	T02	631	78
D03	122	15	Q03	641	80
B05	123	15	O04	653	81
C04	129	16	Z01	673	83
G02	130	16	N05	705	87
L01	130	16	U02	707	88
E03	141	17	R03	715	89
H02	145	18	P04	731	91
M01	150	19	O05	791	98
C05	156	19	V02	797	99
D04	156	19	S03	803	100
F03	156	19	Q04	819	102
I02	163	20	P05	885	110
N01	172	21	W02	891	111
E04	180	22	T03	901	112
J02	182	23	R04	913	113
G03	186	23	Q05	991	123
D05	189	23	X02	999	124
O01	193	24	U03	1010	125
F04	200	25	S04	1025	127
K02	204	25	R05	1106	137
H03	207	26	V03	1137	141
P01	216	27	Y02	1142	142
E05	218	27	T04	1151	143
I03	233	29	S05	1241	154
G04	237	29	Z02	1250	155
L02	241	30	W03	1272	158
F05	242	30	U04	1289	160
Q01	242	30	T05	1393	173
J03	260	32	X03	1426	177
H04	264	33	V04	1452	180
R01	270	33	U05	1561	194
M02	279	35	W04	1625	202
G05	287	36	Y03	1631	202
K03	292	36	V05	1758	218
I04	298	37	Z03	1784	221
S01	303	38	X04	1822	226
N02	319	40	W05	1968	245
H05	320	40	Y04	2083	258
J04	332	41	X05	2206	274
T01	340	42	Z04	2279	283
L03	345	43	Y05	2523	313
O02	358	44	Z05	2760	342

IBM System z z10 BC – 2098 (continued)



Mainframe hardware timeline 1952-79

Source: Mark Wilson and Staffan Tylén



Mainframe hardware timeline 1980-2011

Source: Mark Wilson and Staffan Tylén

