

IBM z13 (IBM 2964) Specifications

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IBM z10 BC 2964 MIPS Chart

Processor	Active CPUs	Estimated Mips	MSU
2964-401	1	250	31
2964-402	2	478	60
2964-403	3	697	88
2964-501	1	746	94
2964-404	4	910	114
2964-601	1	1068	134
2964-405	5	1118	140
2964-406	6	1321	165
2964-502	2	1417	177
2964-407	7	1520	189
2964-701	1	1695	210
2964-408	8	1716	213
2964-409	9	1907	236
2964-602	2	2019	249
2964-503	3	2067	255
2964-410	10	2093	258
2964-411	11	2277	281
2964-412	12	2456	303
2964-413	13	2631	325
2964-504	4	2694	333
2964-414	14	2803	346
2964-603	3	2938	363

Processor	Active CPUs	Estimated Mips	MSU
2964-415	15	2971	367
2964-416	16	3138	387
2964-702	2	3196	394
2964-417	17	3305	407
2964-505	5	3306	407
2964-418	18	3470	427
2964-419	19	3635	448
2964-420	20	3799	468
2964-604	4	3827	471
2964-506	6	3903	481
2964-421	21	3962	488
2964-422	22	4125	508
2964-423	23	4286	527
2964-424	24	4447	547
2964-507	7	4485	552
2964-425	25	4607	567
2964-703	3	4644	571
2964-605	5	4690	577
2964-426	26	4766	586
2964-427	27	4924	605
2964-508	8	5052	620
2964-428	28	5082	624
2964-429	29	5239	643
2964-430	30	5394	661
2964-606	6	5528	678
2964-509	9	5606	687
2964-704	4	6041	740
2964-510	10	6145	753
2964-607	7	6342	777
2964-511	11	6671	818
2964-608	8	7132	874
2964-512	12	7183	880
2964-705	5	7392	905

Processor	Active CPUs	Estimated Mips	MSU
2964-513	13	7683	942
2964-609	9	7899	968
2964-514	14	8171	1000
2964-610	10	8644	1056
2964-515	15	8646	1056
2964-706	6	8700	1062
2964-516	16	9119	1112
2964-611	11	9368	1141
2964-517	17	9589	1168
2964-707	7	9964	1212
2964-518	18	10057	1223
2964-612	12	10070	1224
2964-519	19	10523	1279
2964-613	13	10752	1305
2964-520	20	10986	1333
2964-708	8	11188	1356
2964-614	14	11414	1384
2964-521	21	11447	1388
2964-522	22	11906	1442
2964-615	15	12057	1460
2964-523	23	12363	1495
2964-709	9	12371	1496
2964-616	16	12695	1535
2964-524	24	12817	1550
2964-525	25	13269	1603
2964-617	17	13328	1610
2964-710	10	13515	1632
2964-526	26	13719	1656
2964-618	18	13956	1684
2964-527	27	14166	1709
2964-619	19	14579	1759
2964-528	28	14611	1762
2964-711	11	14622	1764

Processor	Active CPUs	Estimated Mips	MSU
2964-529	29	15054	1815
2964-620	20	15196	1831
2964-530	30	15495	1867
2964-712	12	15693	1891
2964-621	21	15809	1904
2964-622	22	16417	1975
2964-713	13	16729	2011
2964-623	23	17020	2046
2964-624	24	17618	2116
2964-714	14	17731	2129
2964-625	25	18212	2186
2964-715	15	18700	2244
2964-626	26	18801	2255
2964-627	27	19385	2324
2964-716	16	19665	2358
2964-628	28	19964	2394
2964-629	29	20539	2463
2964-717	17	20624	2472
2964-630	30	21109	2531
2964-718	18	21579	2584
2964-719	19	22529	2695
2964-720	20	23475	2801
2964-721	21	24415	2905
2964-722	22	25351	3009
2964-723	23	26282	3111
2964-724	24	27209	3212
2964-725	25	28130	3313
2964-726	26	29048	3414
2964-727	27	29960	3516
2964-728	28	30868	3619
2964-729	29	31772	3725
2964-730	30	32671	3830
2964-731	31	33566	3935

Processor	Active CPUs	Estimated Mips	MSU
2964-732	32	34456	4040
2964-733	33	35341	4143
2964-734	34	36223	4247
2964-735	35	37099	4349
2964-736	36	37972	4452
2964-737	37	38840	4553
2964-738	38	39703	4655
2964-739	39	40563	4755
2964-740	40	41418	4855
2964-741	41	42269	4955
2964-742	42	43115	5055
2964-743	43	43958	5153
2964-744	44	44796	5252
2964-745	45	45630	5349
2964-746	46	46459	5447
2964-747	47	47285	5543
2964-748	48	48107	5641
2964-749	49	48924	5737
2964-750	50	49737	5833
2964-751	51	50546	5927
2964-752	52	51352	6022
2964-753	53	52153	6116
2964-754	54	52950	6209
2964-755	55	53743	6300
2964-756	56	54532	6393
2964-757	57	55318	6485
2964-758	58	56099	6577
2964-759	59	56876	6668
2964-760	60	57650	6758
2964-761	61	58419	6849
2964-762	62	59185	6938
2964-763	63	59947	7028
2964-764	64	60706	7117

Processor	Active CPUs	Estimated Mips	MSU
2964-760	60	57650	6758
2964-761	61	58419	6849
2964-762	62	59185	6938
2964-763	63	59947	7028
2964-764	64	60706	7117
2964-765	65	61462	7205
2964-766	66	62215	7294
2964-767	67	62965	7382
2964-768	68	63712	7469
2964-769	69	64456	7556
2964-770	70	65196	7643
2964-771	71	65934	7730
2964-772	72	66669	7816
2964-773	73	67401	7902
2964-774	74	68130	7987
2964-775	75	68857	8072
2964-776	76	69580	8157
2964-777	77	70300	8242
2964-778	78	71018	8326
2964-779	79	71733	8409
2964-780	80	72444	8493
2964-781	81	73153	8576
2964-782	82	73859	8659
2964-783	83	74563	8741
2964-784	84	75263	8823
2964-785	85	75961	8905
2964-786	86	76656	8987
2964-787	87	77348	9068
2964-788	88	78037	9149
2964-789	89	78724	9229
2964-790	90	79408	9309
2964-791	91	80089	9389
2964-792	92	80767	9469

Processor	Active CPUs	Estimated Mips	MSU
2964-793	93	81443	9548
2964-794	94	82116	9627
2964-795	95	82786	9705
2964-796	96	83453	9783
2964-797	97	84119	9862
2964-798	98	84783	9939
2964-799	99	85444	10017
2964-7A0	100	86104	10094
2964-7A1	101	86761	10171
2964-7A2	102	87417	10248
2964-7A3	103	88071	10325
2964-7A4	104	88722	10401
2964-7A5	105	89372	10477
2964-7A6	106	90020	10553
2964-7A7	107	90666	10629
2964-7A8	108	91310	10705
2964-7A9	109	91952	10780
2964-7B0	110	92592	10855
2964-7B1	111	93230	10930
2964-7B2	112	93866	11004
2964-7B3	113	94501	11079
2964-7B4	114	95133	11153
2964-7B5	115	95764	11227
2964-7B6	116	96392	11300
2964-7B7	117	97019	11374
2964-7B8	118	97644	11447
2964-7B9	119	98267	11520
2964-7C0	120	98888	11593
2964-7C1	121	99507	11666
2964-7C2	122	100125	11738
2964-7C3	123	100740	11810
2964-7C4	124	101354	11882
2964-7C5	125	101966	11954

Processor	Active CPUs	Estimated Mips	MSU
2964-7C6	126	102576	12025
2964-7C7	127	103184	12097
2964-7C8	128	103791	12168
2964-7C9	129	104395	12239
2964-7D0	130	104998	12309
2964-7D1	131	105601	12380
2964-7D2	132	106202	12450
2964-7D3	133	106801	12521
2964-7D4	134	107400	12591
2964-7D5	135	107997	12661
2964-7D6	136	108593	12731
2964-7D7	137	109188	12800
2964-7D8	138	109782	12870
2964-7D9	139	110375	12940
2964-7E0	140	110966	13009
2964-7E1	141	111556	13078

Model Specs

Model	PU's	Memory(1)	GX++ I/O Hubs	I/O Drawers(2)	PCI-e I/O Hubs	PCI-e Drawers(3)
N30	1 to 30	64 to 2464 GB	4	0 to 2	10	0 to 2.5
N63	1 to 63	64 to 5024 GB	8	0 to 2	20	0 to 5
N96	1 to 96	64 to 7584 GB	12	0 to 2	30	0 to 5
NC9	1 to 129	64 to 10144 GB	16	0 to 2	40	0 to 5
NE1	1 to 141	64 to 10144 GB	16	0 to 2	40	0 to 5

Additional Model Specs

Model	Total PUs Available	CP7s(5) (#1918) Min/Max	IFLs (#1919) Min/Max	uIFLs (#1923) Min/Max	ICFs (#1920) Min/Max	zIIPs (#1922) Min/Max	Optional SAPs (#1921) Min/Max
N30	30	0 to 30	0 to 30	0 to 29	0 to 30	0 to 20	0 to 6
N63	63	0 to 63	0 to 63	0 to 62	0 to 63	0 to 42	0 to 8
N96	96	0 to 96	0 to 96	0 to 95	0 to 96	0 to 64	0 to 8
NC9	129	0 to 129	0 to 129	0 to 128	0 to 129	0 to 86	0 to 8
NE1	141	0 to 141	0 to 141	0 to 140	0 to 141	0 to 94	0 to 8

Type Model	Announced	Available	EOL	EOSL
2964-NC9	1/14/2015	3/9/2015	6/30/2019	-
2964-NE1	1/14/2015	3/9/2015	6/30/2019	-
2964-N30	1/14/2015	3/9/2015	6/30/2019	-
2964-N63	1/14/2015	3/9/2015	6/30/2019	-
2964-N96	1/14/2015	3/9/2015	6/30/2019	-

IBM z13 (IBM 2964) Maintenance

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Additional IBM Mainframe Specs MODEL

IBM z15 (IBM 8651)

IBM z196 (IBM 2817)

IBM z14-ZR1 (IBM 3907)

IBM z114 (IBM 2818)

IBM z14 (IBM 3906)

IBM z10 BC (IBM 2098)

IBM z13s (IBM 2965)

IBM z10 EC (IBM 2097)

IBM z13 (IBM 2964)

IBM z9 BC (IBM 2096)

IBM EC12 (IBM 2827)

IBM z9 EC (IBM 2094)

IBM BC12 (IBM 2828)

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