

# Memory Map: 1024 KiB

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<b>Low Memory</b> <b>640 KiB</b>	0	0x0		Interrupt Vector Table 1024 Bytes
	1023	0x03ff	(0000:03ff)	
1 KiB Point	1024	0x0400	(0040:0000)	BIOS Data Area 256 Bytes
	1279	0x04ff	(0040:00ff)	
	1280	0x0500	(0000:0500)	Reserved 32 Bytes
	1311	0x051f	(0000:051f)	
	1312	0x0520	(0000:0520)	Conventional Memory 30432 Bytes
	4095	0x0fff	(0000:0fff)	
4 KiB Point	4096	0x1000	(0000:1000)	
16 KiB Point	16384	0x4000	(0000:4000)	
	31743	0x7bff	(0000:7bff)	
31 KiB Point	31744	0x7c00	(0000:7c00)	Master Boot Record 512 Bytes
	32255	0x7dff	(0000:7dff)	
	32256	0x7e00	(0000:7e00)	Conventional Memory 512 Bytes
	32767	0x7fff	(0000:7fff)	
32 KiB Point	32768	0x8000	(0000:8000)	Conventional Memory 608 KiB
	65535	0x0fff	(0000:ffff)	
64 KiB Point	65536	0x10000	(1000:0000)	
128 KiB Point	131072	0x20000	(2000:0000)	
	655359	0x9ffff	(9000:ffff)	
<b>Upper Memory Area</b> <b>384 KiB</b>	655360	0xa0000	(a000:0000)	VGA Graphics RAM 64 KiB
	720895	0xffff	(a000:ffff)	
704 KiB Point	720896	0xb0000	(b000:0000)	Monochrome Text Mode 32 KiB
	753663	0xb7fff	(b000:7fff)	
736 KiB Point	753664	0xb8000	(b800:0000)	Color Text Mode 32 KiB
	786431	0xbffff	(b800:7fff)	
768 KiB Point	786432	0xc0000	(c000:0000)	VGA Video ROM 32 KiB
	819199	0xc7fff	(c000:7fff)	
800 KiB Point	819200	0xc8000	(c800:0000)	IDE Hard Drive 16 KiB
	835583	0xcbfff	(c800:3fff)	
816 KiB Point	835584	0xcc000	(cc00:0000)	Optional Adapter 16 KiB
	851967	0xcffff	(cc00:3fff)	
832 KiB Point	851968	0xd0000	(d000:0000)	Optional Adapter 64 KiB
	917503	0xdffff	(d000:ffff)	
896 KiB Point	917504	0xe0000	(e000:0000)	ROM BIOS Extensions 64 KiB
	983039	0xeffff	(e000:ffff)	
960 KiB Point	983040	0xf0000	(f000:0000)	ROM BIOS System 65520 Bytes
	1047552	0xffc00	(f000:fc00)	
1023 KiB Point	1048559	0xffff	(f000:ffff)	
	1048560	0xfffff	(f000:ffff)	Power Good 16 Bytes
	1048575	0x0ffff	(f000:ffff)	
<b>High Memory Area</b> <b>65520 Bytes</b>	1048576	0x100000		
	1113088	0x10fc00	(ffff:fc10)	
1087 KiB Point	1114095	0x10fff	(ffff:ffff)	
1088 KiB Point	1114112	0x110000		

## Bibliography

- [1] Alle Metzlar: *Das BIOS-Buch*, Franzis Verlag (1999)
- [2] D. E. Knuth: *The T<sub>E</sub>Xbook*, Addison Wesley (1989)