

4 . Power Consumption

System Information:

DRAM Type & Capacity	NEC D4564841G5-A80-9JF 128MB
VGA Card	Onboard NS Geode CS5530A
DOC or Floppy	M-Systems DOC 16MB
O.S.	DOS6.22

Operating System Environment (DOS Mode)

Config.sys	Autoexec.bat
Device=c:\dos\himem.sys dos=high,umb files=35 Buffers=40	Prompt \$p\$g c:\dos\smartdrv.exe /x

Test Software (DOS Mode):

Test Software	Landmark Speed V.2.0(Speed200.exe)
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Test Result:

ATX Power

Mode Type	CPU Type				Unit
	Cyrix GXM GXm-233GP	Cyrix GXM GXm-266GP	NS Geode GX1-300P R393 : 1.69k	NS Geode GXLV-233 R393 : 1k	
Normal Mode(+5V)	2.12	1.94	1.78	2.06	amp/max
Doze Mode(+5V)	2.12	1.94	1.78	2.06	amp/max
Standby Mode(+5V)	1.01	1.01	1.03	1.01	amp/max

Mode Type	CPU Type				Unit
	NS Geode G1-266 R393 : 2.2k	NS Geode G1-200 R393 : 1k+2.7k			
Normal Mode(+5V)	1.61	1.40			amp/max
Doze Mode(+5V)	1.61	1.40			amp/max
Standby Mode(+5V)	1.02	0.97			amp/max

Normal Model is measured while open system

Doze Model VGA controller is still enabled

STANDBY Model VGA controller is still enabled