

Sr No	EDA Tool	Application
1.	Modelsim-SE	Digital Simulation
2.	Design Architect ADMS MS, dual language, RF S/W	Mixed Signal simulator with RF support
3	SST Velocity	Static Timing Analysis
4.	Formal Pro	Formal verification
5.	DFT Advisor DFT Insight BSD Architect LBIST Architect Fast Scan Architect MBIST Architect	Design for Testability
6.	Leonardo Spectrum level 3	FPGA Synthesis
7.	IC Station SDL IC Assemble Auto Cells	IC layout for digital/mixed Signal design
8.	Calibre DRC & LVS Calibre RVE/QDB-H Calibre Interactive	Physical verification
9.	Calibre xRC RC Delay RC Reduction	Parasitic Extraction
10.	Schematic generator EDIF net list read Falcon Framework	Interface Tools
11.	Design Capture Library Manager Expedition PCB pinnacle	Board Design Tools
12.	Seamless CVE Kernel AMBA7 tdmI PSP	HW-SW Co-verification Tools
13.	ASIC Design Kit	

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1.	Blast RTL	Gain-based synthesis tool that seamlessly integrates fast, high-capacity synthesis into a complete RTL-to-GDSII solution.
2.	Blast Logic	Reads a netlist and constraints to generate reports for assessing timing feasibility.
3.	Blast Fusion	Complete netlist-to-GDSII design flow for cell-based ICs
4.	Blast Noise	Detects and corrects crosstalk noise during physical design.
5.	Blast Plan	Enables both top-down and bottom-up hierarchical planning
6.	Blast Rail	Is a correct-by-construction rail design solution and is fully integrated with Magma's RTL-to-GDSII implementation flow.

SR. NO	MACHINE DETAILS	MODEL NO.	POWER CONSUMPTION (WATTS)	TOTAL NO OF MACHINES	TOTAL POWER CONSUMPTION (WATTS)
1	IBM Desktop Monitor (19")	IBM Think Vision C190	100 W	40	4000
2	Sun Thin Client	1g	30 W	30	900
3	Sun Ultra Sparc II Server	A 14	350 W	20	7000
4	Automated Tape Library	L25 Tape Library	250 W	1	250
5	Sun Storedge Server	3310 NAS	460 W	1	460
6	Ethernet Hub		250 W	1	250
7	IBM PIV PC		150	10	1500
					14,360

UPS	No of machines connected	Power Supply Available (W)	Power Drawn (W)	Margin (W)
UPS#1	28 (08 monitors+06 sun thin clients+02 P-IV PC+12 Sun Ultra 2 servers)	6400	5480 (8*100+06*30+02*150+12*350)	920
UPS#2	38 (16 monitors+14 sun thin clients+02 P-IV PC+06 Sun Ultra 2 servers)	6400	4420 (16*100+14*30+02*150+06*350)	1980
UPS#3	17 (06 monitors+04 thin clients+02 P-IV PC+01 Storedge server+01 ATL+01 HUB+02 Sun Ultra 2 Servers)	6400	4460 (06*100+04*30+02*150+01*460+01*250+01*250+2*350)	1940