

## Standard Essbase Hardware Configurations

M. Bowen

September, 1998

---

The following system configurations are appropriate for small, medium and large Essbase installations.

### The Junior System / Developer's Workbench

This system is appropriate for working on small cubes which you don't expect to share with more than one or two users. When production issues are not a concern and performance is not important, such as in development this configuration is appropriate.

### The Bronze System

This is the system I think of as a departmental solution. It is the minimum configuration for a production roll-out in today's corporation. It is the typical system most companies will use when they are just starting out with OLAP and only have one or two applications in mind.

### The Silver System

Experienced OLAP users, most of those who have a D/W project in place or in process, and those who intend on ERP integration will be the most comfortable with a Silver configuration. Capital budget requirements are not too significant, and rapid deployment can be accomplished on such a system, with room for growth.

### The Gold System

The penultimate enterprise-wide delivery platform, the Gold standard is for implementers with top quality and 24/7 high performance in mind. More complex applications, worldwide rollouts, and large multi-cube single platform applications are appropriate for the Gold.

### The Platinum System

For multiple and special purpose very large single platform multicube databases in the 50GB+ range requiring maximum performance Essbase just screams on these platforms.

Configuration	HW Config.	Est. Ports / Cubes	Est. Price	Examples
Wintel Junior	Single Processor Pentium >133MHz, 128MB RAM, 4GB Disk	5/ 3	\$3,000	(anything)
Wintel Bronze	Dual Processor Pentium Pro >200MHz, 256MB Ram, 20GB SCSI Disk	20 / 5	\$10,000	Compaq, Dell 4200
Wintel Silver	Quad Pentium II >200MHz, 2GB RAM, 100 GB Disk	50 / 10	\$25,000	Compaq Prolinea 5500, Dell Poweredge 6100
Wintel Gold	Quad Pentium II @400MHz, 4GB RAM, 200GB Disk	200 / 20	\$40-50,000	Compaq 7000, Dell 6300
UNIX Junior	Single Processor, 128MB Ram	5/3		RS/6000 595, Sun Ultra 2
UNIX Bronze	Dual Processor >120MHz, 256MB RAM, 20GB Disk	20 / 5		HP9000 K220, Sun Ultra 250

UNIX Silver	Quad Processor, 2GB RAM, 150GB Disk	75 / 15		Sun Ultra 450, RS/6000 J50, HP9000 K570
UNIX Gold	Six Processor, 4GB RAM, 300GB Disk	200+ / 25		Sun E4500
UNIX Platinum	(Big)	300+ / 50+		SP/2, Sun E6000