

Z

Z 1. A dimension of depth in a 3-D image or animation. (*See 3-D.*) 2. A measurement of impedance. Connected electronic devices typically have an input and output impedance. By matching these using the *maximum power transfer* theorem, an optimum electronic/electrical connection may be made. 3. The dimension (*n*) in which a processor exists in an MPP network configured as a cube or hypercube.

ZAP The process of eradicating data or applications from a system.

Zero beat A state where two frequencies are the same.

Ziff-Davis A large corporation engaged in the computer book and magazine publishing sectors.

ZIF socket (Zero Insertion Force socket) A type of socket commonly found on motherboards that permits the safe and easy removal and replacement of processors. The socket is fitted with a lever which is used to lock the processor in place and to release it. ZIF sockets are also available for DIL (Dual In-Line) devices such as ROM (Read-Only Memory) chips.

ZIP 1. A file format from PKWare that is used for batch file compression. WinZip is an application that can be used to zip and unzip such compressed files. 2. A removable storage device manufactured by Iomega. Its removable disks store 100 Mbyte of data.

ZOG A hypertext system developed at Carnegie-Mellon University in the 1970s. Among other applications it was used for teleconferencing and CBT. It is best known for its role on the *USS Carl Vinson*, where it is used as a shipwide information and management system. Incorporating graphics, the Knowledge Management System (KMS) became the commercial face of ZOG.

Zoom

Zoom A feature on many graphics and video editing programs that permits the user to enlarge a frame or image. All Windows applications feature such a control, which may typically be invoked from the View menu. The user may be presented with zoom-in values, such as 75%, 100%, 125% or 150%, or a value may be specified. Alternatively, scale ratios may be selected, such as 2:1, 3:1, 4:1 etc., which may be used to zoom in and out.