



Cornerstone Systems, Inc.

zFrame[®] model zDev[®] Y Server

*When speed is critical
Where do you find it?*



*Cornerstone's zDevY...
will get you there fast!*

The zDev[®]Y is configured specifically as a zArchitecture development system for IBM[®] PartnerWorld for Developer members who need faster and more powerful processors than our standard zDev[®] systems. It offers 130 MIPS in a very compact and economical package.

Highlights

- Full S/390 capability, including ESA/390 features for VSE/ESA, z/VSE, VM/ESA, and OS/390, and 64 bit zSeries support for zOS and zVM
- Uses IBM provided PWD development system software for developers
- IBM IntelliStation[®] (6217) workstation featuring AMD[®] Opteron[™] processors and five available PCI slots
- Standard 6 GB of ECC memory available for zSeries use
- S/390 Disk capacity ranging from 190 GB to 860 GB
- RAID-5 protection of all disk storage, using IBM high performance SCSI-320 (10,000 RPM) disks
- Ability to define and run multiple S/390 "images", providing a function similar to S/390 Logical Partitions
- Parallel ("Bus and Tag") and ESCON[®] channels available for connecting to traditional S/390 I/O devices
- Integrated Ethernet 10/100/1000 adapters and software for easy integration into your LAN environment. Additional Ethernet or Token Ring adapters can be added for increased flexibility
- Standard SDLT (160/320) tape and SCSI adapters for connection of 3480/90 compatible tape drives
- Uses FLEX-ES[®] from Fundamental Software Inc. (FSI), premier provider of S/390 emulation software
- Complete configuration, staging, and testing of every system by Cornerstone prior to delivery, and on-site installation services
- NOTE: the zDevY is intended as a maximum performance development system and lacks some of the high availability features found on other zFrames. Prospective users should carefully review their availability requirements when considering the zDevY.

zDev Delivers

Cornerstone Systems, Inc. is committed to supporting S/390 developers with outstanding technical support and services. Cornerstone can provide support for installation, operating system migration, training and documentation for your zFrame Model zDevY. Financing is available for all hardware, components and service.

IBM Premier Business Partner

As an IBM Premier Business Partner, we are recognized for the finest customer service and level of performance in the industry. Count on us to deliver your zFrame model zDevY like no one else can! Call us at **1-800-510-3004** or visit our web site at **www.csihome.com** today.

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zFrame model zDevY Specifications



Feature	Standard	Optional
Processors	Dual AMD Opteron™ (2.8 GHz) processors provide equivalent of 130 S/390 MIPS in a dual processor configuration	“Dual Core” Opteron processor based systems will be available in the future for even higher performance
S/390 Central Storage	6 GB for S/390 Central, Expanded storage and disk caching (8 GB of total system memory)	Up to 12 GB (there are some restrictions on how S/390 memory can be allocated)
I/O Channels	Ultra-SCSI controller for external tape, SCSI-RAID for internal disks	S/390 Parallel Channels (one or three channels per adapter) and ESCON® channels
Disk Storage	190 - 860 GB usable for S/390 environment in a RAID-5 configuration	
Communications	Ethernet 10/100/1000 integrated adapter plus dual port 10/100/1000 controller	Additional Ethernet or Token Ring adapters, 6 port ICA emulator for BSC or SDLC
Tapes	External SDLT (160/320 GB)	SCSI attached 3480/90 or SDLT S/390 channel attached 3480/90, 3590
Power/Cooling	Single dual voltage 530W power supply	UPS (1400 VA or larger recommended)
Software	SuSE® Linux® Pro 9.3 and FSI FLEX-ES®	S/390 Operating Systems (VSE/ESA, zVSE, VM/ESA, OS/390, z/OS and z/VM) in IBM PWD pre-configured form
Cornerstone Services	Hardware and software configuration, initial setup and loading of S/390 environment. On-site installation services.	Additional customization and migration services are available



Environmentals and Physical Facilities

Power

Standard 110-240V (Auto switching)

Temperature/Cooling

Normal Office Environment

Size

6.5" width, 17.25" height, 19.0" d. (4U)
+space for Display and Keyboard/Mouse

¹ MIPS

Frequently used term meaning “Millions of Instructions Per Second”. Commonly used to measure the processing capacity of S/390 type computer systems. MIPS is a very simplistic measurement however, and may not be a good indicator of overall performance. Customers should consider all aspects of system performance, including memory size and I/O capabilities, when evaluating a computer system.