



Cornerstone Systems, Inc.

zFrame[®] S/390 Family of Servers

*Looking for an
affordable way to
run your company?*



*It's all here...
In black and white.*

With **Cornerstone Systems, Inc.** zFrame[®] line of S/390 and zSeries compatible e-business servers, you get more than just hardware. The zFrame servers combine the best-of-breed components with the industry's best professional services to deliver a turnkey, plug-and-play solution for any VSE, VM, OS/390 or z/OS environment. This means that for one price you receive a total solution that blends IBM[®] hardware, software and maintenance, all pre-loaded and configured to your specifications.

The zFrame e-business servers make it simple for you to be flexible. You can choose the size and capacity you need today, with plenty of room for growth. With 5 models to choose from and a full range of options, the zFrame servers can grow with your needs.

Highlights

- Five commercial zFrame models: z8, z18, z30, z60, and z90 with S/390 MIPS ranging from 8 up to 110
- Full ALS-2 support and ALS-3 (64 bit) support for PWD Developers
- Five Developer models, including a ThinkPad[®] based system, up to 130 MIPS
- Up to 2.8 TB of internal disk, with much more in external enclosures
- RAID-5, redundant power/cooling, and ECC memory
- Up to 11 GB of S/390 memory (with some allocation/use restrictions)
- Up to 9 parallel and/or ESCON[®] channels for attaching peripherals
- Integrated Communications Adapter (ICA) support
- Full range of SCSI attached peripherals including 3420, 3480, 3490E and SDLT tape drives are available
- LPAR type facility through multiple image support
- Internal disks can be coupled via DASD sharing over Ethernet
- Uses FLEX-ES[®] from Fundamental Software Inc. (FSI), premier provider of S/390 emulation software, with 3 years of FSI FLEX-ES support

zFrame Delivers

By combining the robust strength and growth options of the Intel[®] based platform with the reliability and security of the S/390 software platform, the zFrame servers deliver unmatched value. Best of all, the zFrame is only available as a turnkey solution, which means we ensure that when your server arrives, it's ready to power your S/390 needs.

What's more, Cornerstone now has servers configured exclusively for S/390 Developers, featuring a fully-integrated development package of hardware, software and services.

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 e-business server like no one else can! Call us at **1-800-510-3004** or visit our web site at **www.csihome.com** and let us configure one to meet your needs.



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zFrame Family Models & Features



Features Models	MIPS ⁽¹⁾	S/390 Memory ⁽²⁾	Std. Disk ⁽³⁾	Processors ⁽⁴⁾	IBM SW License ⁽⁵⁾
zFrame z8	8	3.4 GB	330 GB	2/1	ESL (existing)
zFrame z18	15 - 18	3.4 GB	330 GB	2 / 1	1/3 GOLC (H30)
zFrame z30	30	2.5 - 5 GB	330 GB	2 / 1	2/3 GOLC (H30)
zFrame z60	55 - 60	3.4 - 5 GB	330 GB	2 / 2	GOLC (H30)
zFrame z90	110	3.4 - 11 GB	330 GB	4 / 3	GOLC (H50)
zDev zPad	36	1.4 - 1.7 GB	60 - 170 GB	1 / 1	IBM PWD
zDev1	35 - 40	2.5 - 5 GB	160 GB	2 / 1	IBM PWD
zDev2	60 - 65	3.4 - 5 GB	330 GB	2 / 2	IBM PWD
zDev3	110	3.4 - 11 GB	330 GB	4 / 3	IBM PWD
zDevY	130	3.4 - 7 GB	190 GB	2 / 2	IBM PWD

Specifications subject to change without notice.



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.

²**Memory:** Standard and maximum memory size for that model. Memory is available for S/390 Central and Expanded storage and disk caching. There are some restrictions on allocation and use of large memory sizes.

³**Disk Capacity:** Number is the size of the available S/390 disk capacity in the standard internal disk configuration for that model. This assumes RAID-5 with no hot spare. On all models (except zPad) external disk enclosures can increase total S/390 disk capacity over three TB.

⁴**Processors:** The numbers represent the total number of Pentium® processors in the system and the number of processors that are enabled to run the S/390 or zSeries emulation.

⁵**Software Licenses:** IBM software licenses are determined solely by IBM and are subject to change. IBM has applied the indicated license types in the past.

zDev systems are for use by approved IBM PartnerWorld for Developers only.