

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

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Full-service, independent repair center
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We buy your excess, underutilized, and idle equipment
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so your equipment works exactly as you specify.

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Expert team | Trust guarantee | 100% satisfaction

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Find the *Curtiss-Wright / DY-4 Champ-AV III / SVME-414* at our website: *Click HERE*

DY4 Products



The CHAMP-AV III quad PowerPC DSP matches the computing performance of four 1GHz 7447 processors with the QuadFlow architecture introduced and popularized with the CHAMP-AV II. Each '7447 processor, capable of 8 GFLOPs peak, is equipped with its own 256MB bank of DDR SDRAM with 2GB/sec peak bandwidth. Processors are interconnected via 100MHz PCI-X busses. Utilizing the QuadFlow ability to handle up to four simultaneous transfers, the AV III can deliver up to 3.2GB/sec of on-card inter-processor bandwidth.

Large DSP systems are supported by Dy 4's scalable computing solution that is founded on our Inter-Processor Communications (IPC) software. IPC provides applications with hardware abstraction, allowing all task-to-task communications to have a consistent interface, removing dependencies on operating system, local architectures, and interconnect technology. IPC makes use of Dy 4's StarFabric technology that provides the board-to-board communications for multi-slot systems

Single Board Computers

GRAPHICS & IMAGING

Digital Signal Processors

Communications & IO

Chassis

Software

Partners

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FEATURES

QuadFlow architecture with up to 3.2 Gbyte/sec peak throughput
Two 64-bit, 100MHz PCI-X connections to each processor node
Two, or four PowerPC MPC7447 processors at 1GHz
Up to 256 Mbytes DDR SDRAM per processor
128MB Flash
Gigabit Ethernet (10/1001000 BaseT) interface
10/100BaseT Ethernet interface
Three serial ports, one EIA-232, two EIA-232/422
VxWorks Board Support Package
TimeSys Linux support
Green Hills INTEGRITY support
IXLIBS-AV DSP Function Library
Inter-Processor Communications Library
Built-in test (BIT) firmware
Air-cooled and conduction-cooled versions

Related Products
Inter-Processor (IPC) Communications Software

IXLIBS-AV DSP Library

Mezzanine Modules
StarReach Dual PMC Carrier
StarLink Switched Fabric
PMC-GPIO I/O Controller
PMC-643 Fibre Channel
PMC-724 Video Capture

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Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

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