



# PressRelease

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## Galil Introduces DMC-41x3 Econo Motion Controller with Ethernet

(Rocklin, CA)— Galil Motion Control, an industry pioneer in motion control technology, has recently introduced the DMC-41x3 motion controller series. The DMC-41x3 is the latest product in Galil's Econo series which are high performance controllers at a lower price. The new product offers many enhancements compared to the prior Econo controllers including Ethernet 100Base-T, a USB 2.0 port, higher speed performance, larger program memory, analog inputs, and optically isolated I/O.

"Compared to the older DMC-21x3 Econo Ethernet controller, the new DMC-41x3 controller offers many speed improvements and can accept encoder inputs up to 15 MHz and close-the-loop as fast as 62 microseconds," said Lisa Wade, Vice President of Sales and Marketing at Galil. "It also offers twice as much memory for user-programs and arrays."

The DMC-41x3 operates stand-alone or interfaces to a PC with Ethernet 10/100Base-T or USB. An auxiliary RS232 port is also provided. The product is available in one through eight axis formats, and each axis is user-configurable for stepper or servo motor operation. The controller can be connected with external drives of any power range or with Galil's multi-axis (500W per axis) servo drives or 60V, 3A microstepping drives. Galil drives install directly onto the DMC-41x3 controller, fitting inside the metal enclosure and saving space, cost and wiring.

Standard I/O of the DMC-41x3 controller includes 16 optically isolated inputs and outputs for the 1-4 axis models and 32 I/O for the 5-8 axis models. Eight analog inputs are provided in addition to optically isolated forward and reverse limits and a home input for each axis. Other controller features include PID compensation with velocity and acceleration feedforward, memory for user programs, multitasking for simultaneously running up to eight programs, and I/O processing for synchronizing motion with external events. Modes of motion include point-to-point positioning, position tracking, jogging, linear and circular interpolation, contouring, electronic gearing, ECAM and PVT.

The DMC-41x3 controller and drive package is 8.1" x 7.25" x 1.5" for the 1- thru 4-axis model and 11.5" x 7.25" x 1.5" for the 5- thru 8- axis model. It accepts power from a single 20-60 VDC source. The DMC-41x3 is available as a card-level product or packaged in a metal enclosure.

Like all Galil controllers the DMC-41x3 controllers are programmed with Galil's intuitive, 2-letter command language, making them easy to program. GalilTools software simplifies system set-up with automated servo tuning and real-time display of motion information.

Pricing for the 4-axis DMC-4143 controller is \$1,495 in quantity 1 and \$995 in quantity 100. For complete pricing and specifications for all the models in the DMC-41x3 series, please see:

<http://www.galilmc.com/products/dmc-41x3.php>

For more information about Galil, please see <http://www.galilmc.com/> or contact Lisa Wade, VP-Marketing and Sales, at Galil Motion Control, Inc., 270 Technology Way, Rocklin, CA 95765, Ph. 800-377-6329 or email [lisaw@galilmc.com](mailto:lisaw@galilmc.com).

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**About Galil Motion Control, Inc. ([www.galilmc.com](http://www.galilmc.com))**

Privately held and profitable for over 100 consecutive quarters, Galil Motion Control, Inc. was founded in 1983 by Jacob Tal and Wayne Baron. Galil became the first company to produce a microprocessor-based servo motor controller without tachometer feedback. Since then, Galil has continued to advance motion control technology and has found industry-leading acceptance with over 500,000 controllers successfully installed worldwide. Various applications include machines for the medical, semiconductor, machine tool, food processing, and textile industries. Recently, Galil has introduced several motion and I/O controllers for the Ethernet including the high-speed Accelera motion controllers and the RIO Pocket PLC series.