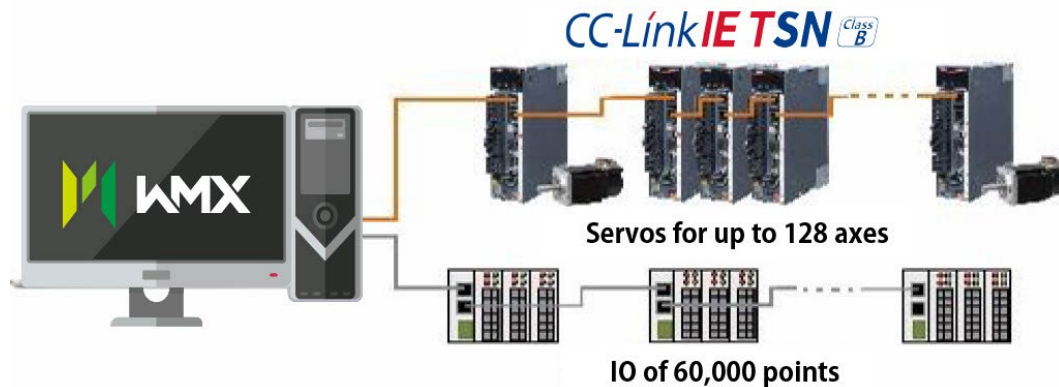


MOVENSYS Inc.



World-first. CC-Link IE TSN-compliant motion controller “WMX3”

High-speed multi-axis synchronised motion control of up to 128 servo axes on a Windows PC



- ✓ Equipped with CC-Link IE TSN soft master. Fastest 0.125mm(16 axes)
- ✓ Easily create complex control apps.
- ✓ Unparalleled track record of adoption in semiconductor manufacturing equipment
- ✓ IO control : EtherCAT softmaster IPC (Using a LAN port on a PC)

URL: <https://www.movensys.com>

E-mail: info.jp@movensys.com TEL: 042-512-5377

Main specifications of the WMX3	Contents
Number of control axes	Up to 128 axes
I/O size	8,000 bytes input and 8,000 bytes output
Registration	Simple-axis/multi-axis control, absolute value commands, overrides (dynamic change of objective value, speed)
Acceleration/Deceleration profile	Trapezoidal, S-shape, Jerk, Quadratic curve, Sine curve, Two-step speed Trapezoid with specified acceleration time
Returning to the point of origin	Index pulse, Origin sensor, Limit sensor, Near limit sensor, External input signal, Mechanical end etc
Communication cycle	Maximum 125 μ s (16 axis) \sim 1ms (128 axis) *1)
Communication platform	EtherCAT (ClassA conformity) , CC-Link IE TSN (ClassB conformity) , MECHATROLINK-4, RTEX*2)
PC operating environment requirements	Contents
Operating environment requirement	Performance : Intel Atom series 2GHz upwards, Number of cores : At least two CPU cores
recommended system requirements*3)	Windows 10 64bit Pro (support) Home (unsupported) Windows 10 IoT Enterprise LTSC/LTSB (Supported and recommended) Boot system : Legacy Boot UEFI (BIOS) CSM settings, Including Enable
Visual Studio	Visual Studio 2015 upwards requirements (Supported until Visual Studio 2019)
Network Card	Intel 1210, 1211, 1350,etc (See NIC support list for detailed content)

* 1)CPU at the time of our verification : Core i5-6300U (Memory : 8GB)

* 2)Requires a communication board sold by us

* 3)Windows 11 will be supported soon

Please contact us when selecting a computer.