

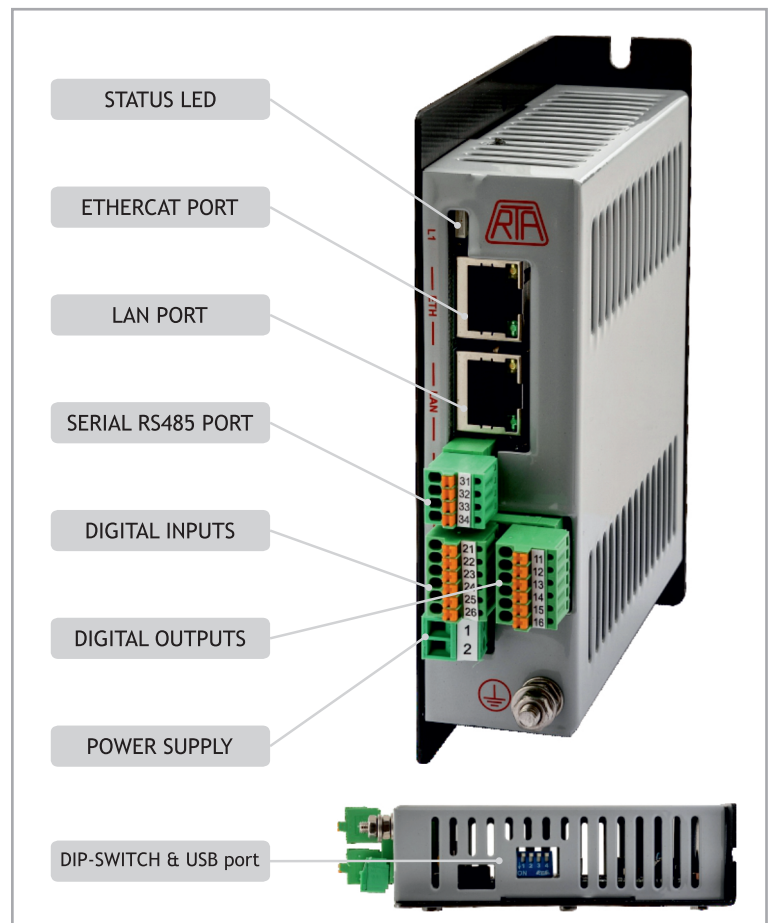
MiniMax EtherCAT[®] PLC

INTRODUCTION

MiniMax is an EtherCAT PLC designed for easy configuration and programming of stepper and servo drives. It allows to develop EtherCAT automation solutions ranging from basic to medium complexity. With an additional LAN port featuring a Modbus TCP/IP server protocol, it can be easily integrated with HMIs, third party PLCs, Industrial Pcs and other network devices.

HIGHLIGHTS

- Easy configuration and programming by R.T.A. Studio software for Microsoft Windows
- Up to 8 stepper or servo axis
- Full R.T.A. and SANYO DENKI EtherCAT drives compatibility
- Simple structured text programming with built-in function libraries
- Easy parameter configuration
- Extremely compact size
- USB or LAN programming, debugging and monitoring
- 5 Digital Inputs + 5 Digital Outputs

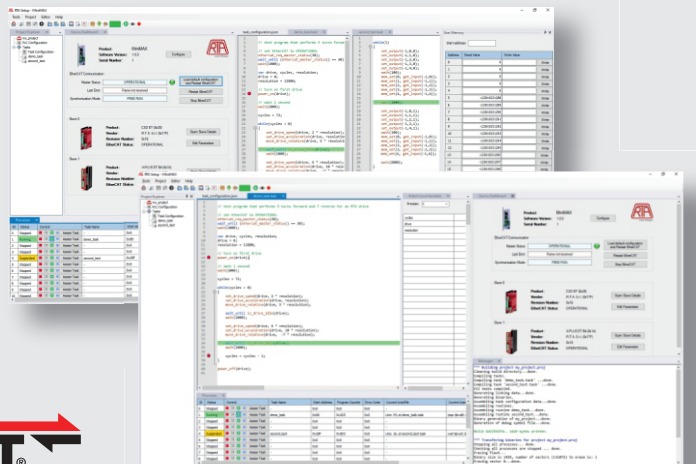


EASY PROGRAMMING SYSTEM

The R.T.A. programming system provided by MiniMax is a simple and high level programming language specifically designed for automation control.

Thanks to its bytecode compilation, the fast executing performance required for a realtime system is guaranteed.

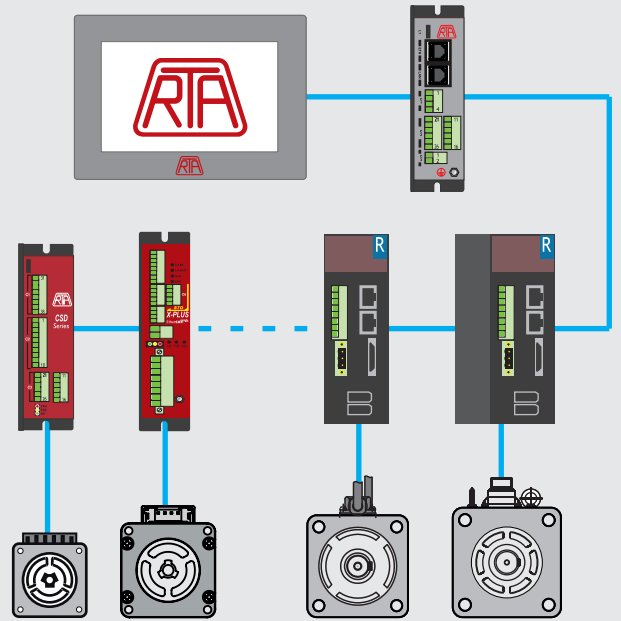
EtherCAT[®]



TECHNICAL FEATURES

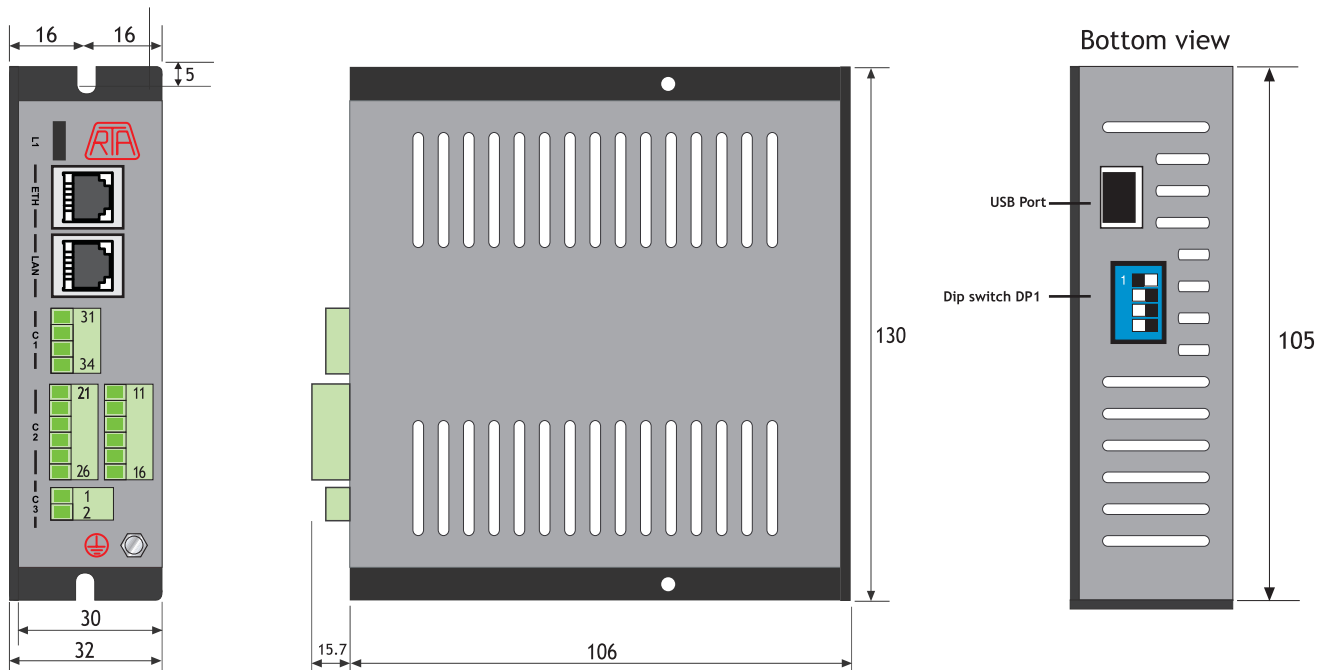
- Dual core 480 MHz ARM Processor with 64-bit precision float unit
- Realtime multitasking system up to 20 processes
- LAN port with Modbus TCP/IP server and UDP protocols
- RS-485 Modbus RTU master port
- 500 KB user program space
- Wide free user memory with +16000 registers (double float.) - 4000 retentive

R.T.A. MiniMax SYSTEM EXAMPLE



UP TO 8 STEPPER & SERVO AXIS

MECHANICAL DIMENSIONS



Dimensions in millimeters - Not in scale.



R.T.A. s.r.l.
Via E. Mattei - Frazz. Divisa
27020 Marcignago (PV) (Italy)
T +39.0382.929.855
F +39.0382.929.150
www.rta.it

R.T.A. Deutschland GmbH
Bublitzter Strasse 34, 40599
Duesseldorf (Germany)
T +49.211.749.668.60
F +49.211.749.668.66
www.rta-deutschland.de

R.T.A. IBERICA
C/Generalitat 22, Local 1
08850 Gava - Barcelona (Spain)
T +34 936.388.805
F +34 936.334.595
www.rta-iberica.es

R.T.A. INDIA Pvt
Teerth Business Center 3rd Floor, Unit No. 7,
Block EL-15, MIDC Bhosari Pimpri-Chinchwad,
Pune 411026 (India)
Tel. +91 9422507445
www.rta-india.in