Features:

- Integrated EtherCAT MDevice on Real-time Dual-Core CPU
- 86Duino Integrated Development Environment (IDE)
- 9-inch TFT 1024×600 Resolution LCD with Resistive touchscreen
- High Reliability SLC eMMC Storage with HDMI Output for HMI
- Industrial Operating Temperature 0 to +60°C/-20 to +70°C (Option)
- Built-in Voltage, Temperature, and System Status Monitoring

Specifications

CPU	DM&P Vortex86EX2 Processor, Master 533MHz/Slave 400MHz
Memory	512MB/1GB DDRIII Onboard
Storage	32MB SPI Flash/2GB SLC eMMC
LCD Display	• Type: WSVGA TFT-LCD • Size: 9-inch • Resolution (Pixel): 1024 (W) x 600 (H) • Brightness: 300 cd/m^2 • Touch Screen Type: Analog Resistive
LAN	1Gbps Ethernet RJ45 x1 100Mbps Ethernet RJ45 x2 for EtherCAT
I/O Connector	• Power DC Input/Output Connector x1 • USB (Type-C) x1 (Upload/Debug only) • USB 2.0 Host x3 • HD Audio x1 • RJ45 x3
Protocol	EtherCAT, Modbus, Ethernet, etc.
Ethernet Standard	IEEE 802.3
Control Cycle Time	125 µs (min.)
Power Connector	4-pin Power Input/Output & 2-pin FGND
Power Requirement	+12 to +50VDC Power Input (Typ. +24VDC)
Power Comsumption	9.6 W
Operating Temperature	0 to +60°C/-20 to +70°C (Option)
Dimension	242 x 156.5 x 44 mm
Weight	1360 g
Internal Monitoring	Temperature, Voltage, Current, Start up time
Software Support	86Duino Coding IDE 501+ (The environment is written in Java and based on Arduino IDE, Processing, DJGPP, and other open source software)

Ordering Information

QEC-PPC-M-090T	EtherCAT MDevice with 9" Panel
QEC-PPC-M-090TP	EtherCAT MDevice with 9" Panel / PoE

* For detailed ordering information, please contact our sales staff or view the user manual.

Dimension