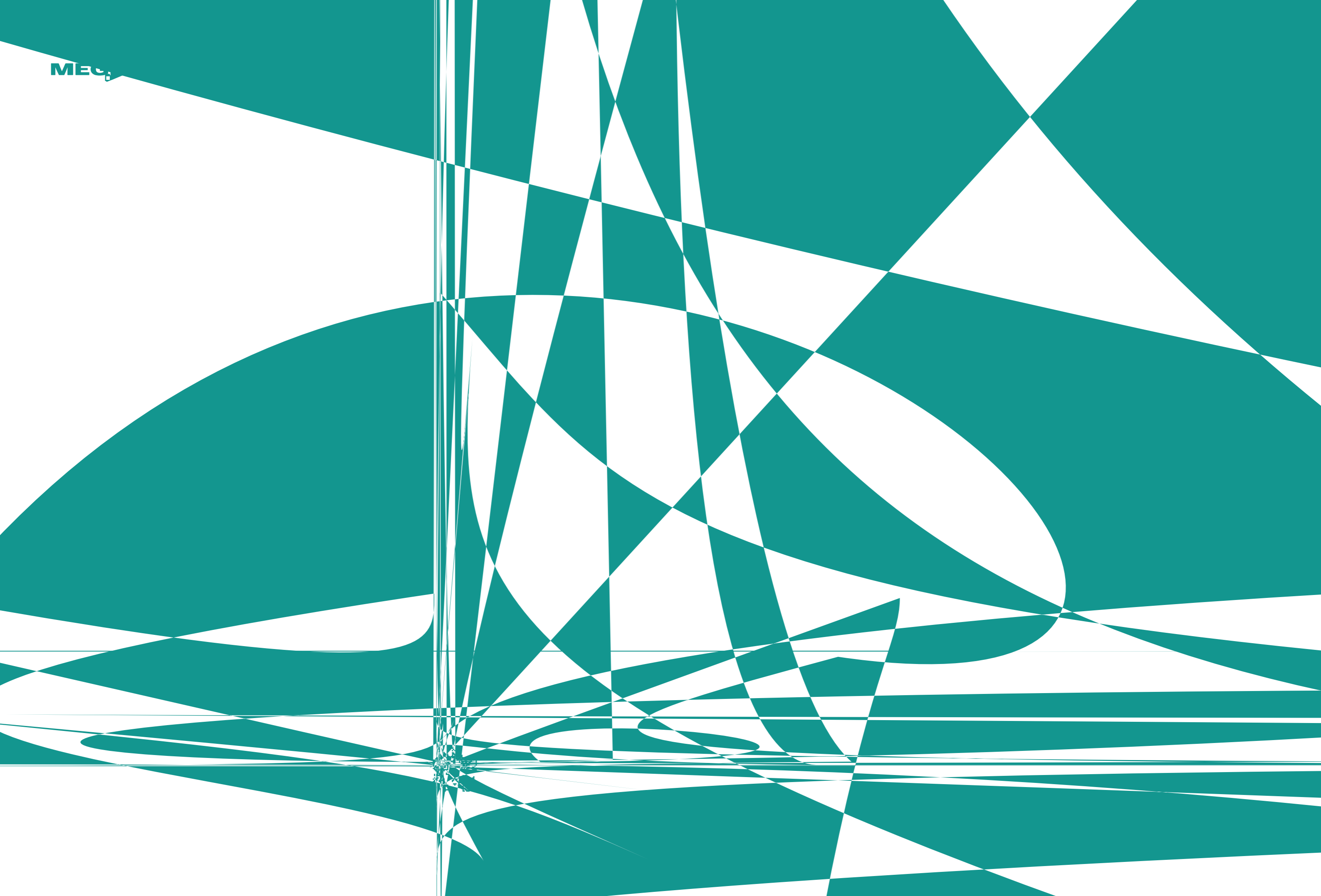


MEC



&



PLC

MX600
MC8000*
MC6000
MC5000

PLC

MU400
MU300
MU200
MC700
MC280/MC200E
MC200
MC100
MC160X

IO

MR400
MC5000S

MDT
MTC/MTCW/MTCV
MTCE
MCAS
MQT

MZ800

MZ800

MX600

MX600 Series Medium PLC

MX600 ProfiNet 256 μs 99.999% 3C

EtherCAT EtherNET/IP



Timing

- 16 /250μs 64 /500us 256 /2ms 20μs

IO

- 16 16 8 8 4 4 AB

Other

- G-code

Connectivity

- EtherCAT

Ports

- 5 4 USB 5 1 HDM 1 DP

Protocols

- EtherCAT OPC UA EtherNet/IP Profinet MODBUS RTU MODBUS TCP

| | MX610 | MX620 |
|-------------|---|--|
| | 24V DC -15%~20% | |
| CPU | N97 2GHz 8GB DDR4 128GB SSD | I3-N305 16GB DDR4 256GB SSD |
| SPI FLASH | 64Mbit | |
| | 3 RS485 1 RS232 | 31 COM1,COM3,COM4,MODBUS 1 COM2 MODBUS-RTU |
| EtherCAT *2 | 64+64 LAN1,LAN2 256 | 128+128 LAN1,LAN2 512 |
| | 3 ModbusTCP / 1 EtherNet/IP / | 63 / 64 32 |
| | | 1 Profinet RT 3 OPC UA |
| IO | *8 *8 *8 *8 | 8 NPN/PNP 8 NPN 8 200KHZ AB 4 100KHZ 8 4 200KHZ |
| | 4 EtherCAT 64+64 127 / 8 /CNC | 4 EtherCAT 128+128 255 16 3 |
| | 8 IEC 61131-3 LD, ST, SFC, CFC | |
| | 128M Byte Data, Const: 128MB N Memory: 5 MB (%MVariable)M Inputs: 128KB %I Outputs: 128KB %Q Persisten: 6MB Retain: 1MB Reset Cold | |
| mm | 160* 55* 147 | |
| kg | <1.3kg | |
| SD | | |
| EMC | EN61131-2 Zone B | |

MC8000

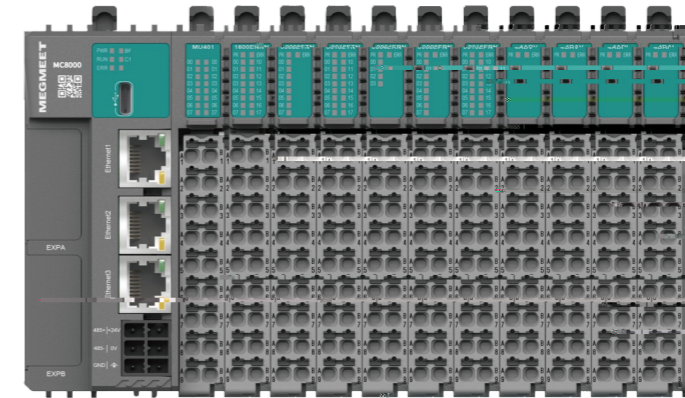
MC8000 Series Medium PLC

MC8000 MEGMEET mOPAX LD ST SFC CFC FBD IL

PLC

IEC61131-3

EtherCAT Profinet



Connectivity

- 32 CAN RS485 RS232 Modbus/EtherCAT/EtherNet IP/ Profinet

IO

- A55 Modbus/EtherCAT/EtherNet IP/ Profinet 8 200K + AB 8 200K

Timing

- 1ms/16 32/64 EtherCAT 16/ EtherCAT

Other

- 12mm PUSH in

Memory

- 10M 20M 512KB

MC5000

| CPU | | | | | |
|------------|-----|------------|----|------------|---------------------|
| IO | | | | | |
| MC5200E | :16 | :16 | | - | : |
| MC5100EA | :4 | 200K | 3 | 1M | :4 6 2M |
| MC5101EB | :8 | (4 200K) | :8 | (4 200K) | - |
| MC5000E8 | :16 | :16 | | EtherCAT | 8 |
| MC5000E16 | :16 | :16 | | EtherCAT | 16 |
| MC5000E32 | :16 | :16 | | EtherCAT | 32 |
| MC5000E64 | :16 | :16 | | EtherCAT | 64 |
| MC5001EB8 | :8 | (4 200K) | :8 | (4 200K) | EtherCAT 8 |
| MC5001EB16 | :8 | (4 200K) | :8 | (4 200K) | EtherCAT 16 |
| MC5001EB32 | :8 | (4 200K) | :8 | (4 200K) | EtherCAT 32 |
| MC5001EB64 | :8 | (4 200K) | :8 | (4 200K) | EtherCAT 64 |
| MC5000EA8 | :4 | 200K | 3 | 1M | :4 6 2M EtherCAT 8 |
| MC5000EA16 | :4 | 200K | 3 | 1M | :4 6 2M EtherCAT 16 |
| MC5000EA32 | :4 | 200K | 3 | 1M | :4 6 2M EtherCAT 32 |
| MC5000EA64 | :4 | 200K | 3 | 1M | :4 6 2M EtherCAT 64 |

MC6000&MC5000

/5000S

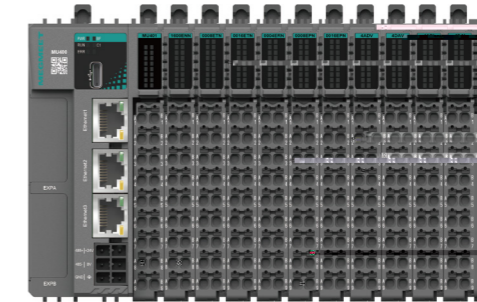
IO

| MP50AC220 | | | | | |
|----------------------|-------------|--------|-----|---|-------------|
| 100-240VAC 24V/2A AC | | | | | |
| IO | | | | | |
| MC5000-3232ETN | 32 | 24VDC | /32 | | |
| MC5000-1616ETN | 16 | 24VDC | /16 | | |
| MC5000-3200ENN | 32 | 24VDC | | | |
| MC5000-0032ETN | 32 | | | | |
| MC5000-6400ENN | 64 | 24VDC | | | |
| MC5000-0064ETN | 64 | | | | |
| MC5000-1600ENN-T | 16 | 24VDC | | | |
| MC5000-0016ERN-T | 16 | | | | |
| MC5000-0016ETN-T | 16 | | | | |
| MC5000-3200ENN-P | 32 | IO | | | |
| MC5000-0032ETN-P | 32 | IO | | | |
| MC5000-1616ETN-PH | 16 | 24VDC | /16 | 4 | |
| MC5000-1600ENN-P | 16 | IO | | | |
| MC5000-0016ETN-P | 16 | IO | | | |
| MC5000-0016ERN-P | 16 | | | | |
| MC5000-0014EPN-P | 14 | | | | |
| MC5000-8PO | 8 | 200KHZ | 1 | 4 | MC5000 |
| MC5000-4AD/8AD | 4 | 8 | | | |
| MC5000-4DA | 4 | | | | |
| MC5000-4PT | 4 | | | | |
| MC5000-4TC/8TC | 4 | 8 | | | |
| MC5000-2WT* | 2 | | | | |
| MC5000-4DA-P | 4 | | | | |
| MC5000-6AD-P | 6 | | | | |
| MC5000-8TC-P | 8 | | | | |
| IO | | | | | |
| MC5000S-ET | EtherCAT | | | | EtherCAT |
| MC5000S-EIP | EtherNet/IP | | | | EtherNet/IP |
| MC5000S-PN | ProfiNet | | | | ProfiNet |
| MCA05-100L | 1m | | | | |
| MCA05-150L | 1.5m | | | | |
| MCA15-40P | 40PIN | | | | |

MU400

MU400 Series Small PLC

MU400 mOPAX PLC IEC-61121-3/PLCopen LD ST FBD
12mm 16



IO

- 16
- 2
- CAN RS485 RS232

Power

- 8 200K + 8 200K AB

EtherCAT

- 2ms/4
- EtherCAT 8

Mounting

- 12mm
- PUSH in
-

| | | | | | X X |
|-------|---|-------|---|-----|-----|
| MU401 | 8 | DC24V | 8 | -16 | 4 |
| MU402 | 8 | DC24V | 8 | -8 | 4 |

105mm x 90mm x 85mm

| | | | X X |
|---------------|----|-----|-------------------------|
| MR400-4ADI | | 4 | 80.7mm x 15.7mm x 107mm |
| MR400-4ADV | | 4 | |
| MR400-4DAI | | 4 | |
| MR400-4DAV | | 4 | |
| MR400-0004ERN | | 4 | |
| MR400-0008EPN | 8 | PNP | |
| MR400-0008ETN | 8 | NPN | |
| MR400-0016EPN | 16 | PNP | |
| MR400-0016ETN | 16 | NPN | |
| MR400-0800ENN | | 8 | |
| MR400-1600ENN | | 16 | |
| MR400-P2000 | | | |

MU300

MU300 Series Small PLC

MU300 MEGMEET PLC CPU EtherCAT/CANopen

3C



IO

- IO 240
- 12 2

EtherCAT

- 500µs, 16
- 1*EtherCAT+2*EtherNet 32

ARM+FPGA

- ARM+FPGA
- 8 200K 4 100K AB CW/CCW +

Communication

- MODBUS CAN CANopen
- EtherNet/IP USB MODBUS-TCP
- 5 Socket 20 USB

AC

| | | | | | x x |
|-----------------|----------|----|-----|---|---------------------|
| MJ300-0808BTA16 | 8 DC24V | 8 | -16 | 4 | 105mm x 90mm x 85mm |
| MJ300-0808BTA8 | 8 DC24V | 8 | -8 | 4 | |
| MJ300-1210BTA16 | 12 DC24V | 10 | -16 | 4 | |
| MJ300-1210BTA8 | 12 DC24V | 10 | -8 | 4 | |
| MJ300-1210BRA16 | 12 DC24V | 10 | -16 | | 180mm x 90mm x 85mm |
| MJ300-1210BRA8 | 12 DC24V | 10 | -8 | | |
| MJ300-2424BTA16 | 24 DC24V | 24 | -16 | 8 | 180mm x 90mm x 85mm |
| MJ300-2424BTA8 | 24 DC24V | 24 | -8 | 8 | |

MU200

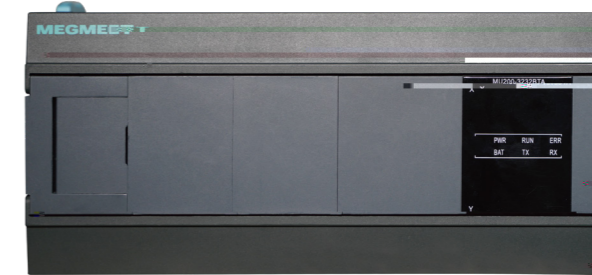
MU200 Series Small PLC

MU200 PLC ARM+FPGA RS232/RS485/

12 200K

8

3C



Communication

- MODBUS CAN
- CANopen
- USB , MODBUS-TCP , 5
- Socket 20

IO

- IO 272
- 12 2

ARM+FPGA

- ARM+FPGA
- 12 200K 8

Communication

- C

AC

| | | | x x |
|---------------|----------|----|---------------------|
| MU200-4040BTA | 40 DC24V | 40 | 246mm x 90mm x 85mm |
| MU200-4040BRA | 40 DC24V | 40 | |
| MU200-3232BTA | 32 DC24V | 32 | 210mm x 90mm x 85mm |
| MU200-3232BRA | 32 DC24V | 32 | |
| MU200-2424BTA | 24 DC24V | 24 | 180mm x 90mm x 85mm |
| MU200-2424BRA | 24 DC24V | 24 | |
| MU200-1616BTA | 16 DC24V | 16 | 145mm x 90mm x 85mm |
| MU200-1616BRA | 16 DC24V | 16 | |

IO

MU 300/MU 200

| | | x | x |
|---------------|----------|---|---|
| MJ200-0016ERN | 16 | | |
| MJ200-0016ETN | 16 | | |
| MJ200-1600ENN | 16 DC24V | | |
| MJ200-0808ERN | 8 DC24V | 8 | |
| MJ200-0808ETN | 8 DC24V | 8 | |

60mm x 90mm x 85mm

MU 300/MU 200

| | | x | x |
|-----------|---|---|---|
| MJ200-4AD | 4 | | |
| MJ200-4DA | 4 | | |
| MJ200-8AD | 8 | | |
| MJ200-8TC | 8 | | |
| MJ200-4PT | 4 | | |

60mm x 90mm x 85mm

MU 300/MU 200

| | | x | x |
|-----------|--------|---|---|
| MJE-4X | 4 IO | | |
| MJE-4Y | 4 IO | | |
| MJE-4XY | 2 2 IO | | |
| MJE-2AD | 2 | | |
| MJE-2DA | 2 | | |
| MJE-2AM | 1 | | |
| MJE-RS232 | RS232 | | |
| MJE-RS485 | RS485 | | |
| MJE-CAN | CAN | | |

38mm x 46.4mm x 11.5mm

MC700

MC700 Series Motion Controller

MC700

EtherCat

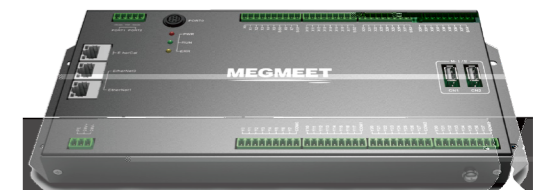
C



- EtherCat
- 6 2M 2 2M
- 6 200K 6 200K
- CAD



- 2 RS485 1 RS232 SD



- 320K C 2MByte 2MByte

| | | MC700P6 | MC700E |
|----|----------|----------------------|-----------|
| | x x | 260mm x 140mm x 27mm | |
| | Ethernet | 24V | |
| | RS485 | 2 | 2 |
| | RS232 | 1 | 1 |
| 10 | 200KHz | 6 2M | 4 200KHz |
| IO | | 6 | 6 |
| | | 22 | 24 |
| | | 22 | 26 |
| | | 6 | EtherCAT |
| | | EIA/TIA-485 | - |
| | | 2MHz | - |
| | | AB / + | - |
| | EtherCAT | COE | IO 250us |
| | | | 320K |
| | C | | 2Mbyte |
| | SD | | 2Mbyte |
| | | | 2ms/100K |
| | C | | 2400dmips |
| | | | 32 |
| | | | |
| | G | | |
| | CAD | | |
| | C | | |
| C | | C | C |

MC280/MC200E

MC280/MC200E Series Motion PLC

MC280/ MC200E

MEGMEET

0.065μs

ARM+FPGA



- 32K
- R 32K D 4



- 8 100kHz
- 4 AB 100kHz 4
- 5V



- 8 200kHz
- AB S



- 4 1024 CAD
- G MC280

MC280

| | x x | | | |
|------------------|-----|-------|----|-------|
| MC280-1616BTA4 | 16 | 24VDC | 16 | 4 |
| MC280-1616BTA6 | 16 | 24VDC | 16 | 6 |
| MC280-1616BTA8 | 16 | 24VDC | 16 | 8 |
| MC280-1616BTA8-C | 16 | 24VDC | 16 | 8 |
| MC280-3624BTD4A | 36 | 24VDC | 24 | 4 4 2 |
| MC280-3624BTD6A | 36 | 24VDC | 24 | 6 4 2 |
| MC280-3624BTD8A | 36 | 24VDC | 24 | 8 4 2 |
| MC280-4040BTA4 | 40 | 24VDC | 40 | 4 |
| MC280-4040BTA6 | 40 | 24VDC | 40 | 6 |
| MC280-4040BTA8 | 40 | 24VDC | 40 | 8 |

MC200E

| | x x | | | |
|------------------|-----|-------|----|-------|
| MC200E-1616BTA4 | 16 | 24VDC | 16 | 4 |
| MC200E-1616BTA6 | 16 | 24VDC | 16 | 6 |
| MC200E-1616BTA8 | 16 | 24VDC | 16 | 8 |
| MC200E-3624BTD4A | 36 | 24VDC | 24 | 4 4 2 |
| MC200E-3624BTD6A | 36 | 24VDC | 24 | 6 4 2 |
| MC200E-3624BTD8A | 36 | 24VDC | 24 | 8 4 2 |
| MC200E-4040BTA4 | 40 | 24VDC | 40 | 4 |
| MC200E-4040BTA6 | 40 | 24VDC | 40 | 6 |
| MC200E-4040BTA8 | 40 | 24VDC | 40 | 8 |

| | G | | | | | | | / | | |
|------------------|---|---|---|---|---|---|---|--------|---|---|
| | | 3 | 4 | | / | / | | | | |
| MC280-1616BTA4 | | | | | | | | | | |
| MC280-1616BTA6 | | 1 | 1 | 1 | 1 | 1 | 1 | 100KHZ | - | 1 |
| MC280-1616BTA8 | | | | | | | | | | |
| MC280-1616BTA8-C | - | - | - | - | - | - | - | - | 2 | 1 |
| MC280-3624BTD4A | | | | | | | | | | |
| MC280-3624BTD6A | | 2 | 2 | 2 | 2 | 2 | 2 | 100KHZ | 4 | 8 |
| MC280-3624BTD8A | | | | | | | | | | |
| MC280-4040BTA4 | | | | | | | | | | |
| MC280-4040BTA6 | | 2 | 2 | 2 | 2 | 2 | 2 | 100KHZ | 4 | 8 |
| MC280-4040BTA8 | | | | | | | | | | |
| MC200E-1616BTA4 | | | | | | | | | | |
| MC200E-1616BTA6 | - | - | - | - | - | - | - | - | - | 1 |
| MC200E-1616BTA8 | | | | | | | | | | |
| MC200E-3624BTD4A | | | | | | | | | | |
| MC200E-3624BTD6A | - | - | - | - | - | - | - | - | - | 1 |
| MC200E-3624BTD8A | | | | | | | | | | |
| MC200E-4040BTA4 | | | | | | | | | | |
| MC200E-4040BTA6 | - | - | - | - | - | - | - | - | - | 1 |
| MC200E-4040BTA8 | | | | | | | | | | |

MC200

MC200 Series Small PLC

MC200



• 12K

- 0.09μs

• 85V~280V

-
-
-

• 8

• IO 512

- 8
- IO

• MCBUS MODBUS OPC

- CAN CANopen
- Ethernet MODBUS TCP/IP

AC

| | | x | x |
|---------------|----------|----|---------------------|
| MC200-2012BRA | 20 24VDC | 12 | 158mm x 90mm x 82mm |
| MC200-2012BTA | 20 24VDC | 12 | |
| MC200-3232BRA | 32 24VDC | 32 | 228mm x 90mm x 82mm |
| MC200-3232BTA | 32 24VDC | 32 | |
| MC200-4040BRA | 40 24VDC | 40 | 275mm x 90mm x 82mm |
| MC200-4040BTA | 40 24VDC | 40 | |

IO

MC280/MC200E/MC200

| | | x | x |
|---------------|----------|----|---------------------|
| MC200-0800ENN | 8 24VDC | | 58mm x 90mm x 82mm |
| MC200-1600ENN | 16 24VDC | | |
| MC200-0008ERN | 8 | | |
| MC200-0008ETN | 8 | | |
| MC200-0808ERN | 8 24VDC | 8 | |
| MC200-0808ETN | 8 24VDC | 8 | |
| MC200-0016ERN | 16 | | 158mm x 90mm x 82mm |
| MC200-0016ETN | 16 | | |
| MC200-1616ERN | 16 24VDC | 16 | |
| MC200-1616ETN | 16 24VDC | 16 | |
| MC200-1616ERA | 16 24VDC | 16 | |
| MC200-1616ETA | 16 24VDC | 16 | |

MC280/MC200E/MC200

| | | x | x |
|---------------------|-----|-----------------|--------------------|
| MC200-2AD MC200-4AD | 2 4 | | 58mm x 90mm x 82mm |
| MC200-2DA MC200-4DA | 2 4 | | |
| MC200-8AD | 8 | | |
| MC200-4AM | 2 | 2 | |
| MC200-5AM | 4 | 1 | |
| MC200-2TC MC200-4TC | 2 4 | | |
| MC200-8TC | 8 | | |
| MC200-2PT MC200-4PT | 2 4 | | |
| MC200-2HC | 2 | 200K 100K 1 20K | |

MC280/MC200E/MC200

| | | x | x |
|-------------|---------|---|--------------------|
| MC200-CPM | CANopen | | 58mm x 90mm x 82mm |
| MC200-CAN | CAN | | |
| MC200-RS485 | RS485 | | |
| MC200-WEN | | | |

MC100

MC100 Series Micro PLC

MC100

PLC 16-60



- 16K
- 0.3μs
- 4
- 6
- 50KHz 2 100KHz
- 8
- MCBUS
- MODBUS
- OPC

| | | mm | | x | | x | |
|----------------|----|-------|----|--------|-----|------|---|
| AC | | | | | | | |
| MC100-1006BRA | 10 | 24VDC | 6 | 135x | 90x | 79.2 | |
| MC100-1006BTA | 10 | 24VDC | 6 | | | | |
| MC100-1410BRA | 14 | 24VDC | 10 | | | | |
| MC100-1410BTA | 14 | 24VDC | 10 | | | | |
| MC100-1614BRA | 16 | 24VDC | 14 | 150x | 90x | 79.2 | |
| MC100-1614BTA | 16 | 24VDC | 14 | | | | |
| MC100-1614BRA1 | 16 | 24VDC | 14 | 182x | 90x | 79.2 | 2 |
| MC100-1614BTA1 | 16 | 24VDC | 14 | | | | |
| MC100-2416BRA | 24 | 24VDC | 16 | 224.5x | 90x | 79.2 | |
| MC100-2416BTA | 24 | 24VDC | 16 | | | | |
| MC100-3624BRA | 36 | 24VDC | 24 | | | | |
| MC100-3624BTA | 36 | 24VDC | 24 | | | | |
| DC | | | | | | | |
| MC100-1006BRD | 10 | 24VDC | 6 | 135x | 90x | 79.2 | |
| MC100-1006BTD | 10 | 24VDC | 6 | | | | |
| MC100-1410BRD | 14 | 24VDC | 10 | | | | |
| MC100-1410BTD | 14 | 24VDC | 10 | | | | |
| MC100-1614BRD | 16 | 24VDC | 14 | 150x | 90x | 79.2 | |
| MC100-1614BTD | 16 | 24VDC | 14 | | | | |
| MC100-2416BRD | 24 | 24VDC | 16 | 182x | 90x | 79.2 | |
| MC100-2416BTD | 24 | 24VDC | 16 | | | | |
| MC100-3624BRD | 36 | 24VDC | 24 | 224.5x | 90x | 79.2 | |
| MC100-3624BTD | 36 | 24VDC | 24 | | | | |

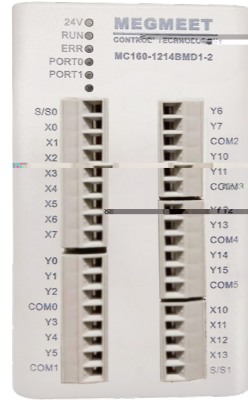
| | | mm | | x | | x | | | | | | |
|---------------|----|-------|-----|-----|------|---|--|-----|-----|------|--|--|
| IO | | | | | | | | | | | | |
| MC100-0800ENN | 8 | 24VDC | 61x | 90x | 73.1 | | | | | | | |
| MC100-1600ENN | 16 | 24VDC | | | | | | | | | | |
| MC100-0008ERN | 8 | | | | | | | | | | | |
| MC100-0008ETN | 8 | | | | | | | | | | | |
| MC100-0016ERN | 16 | | | | | | | | | | | |
| MC100-0016ETN | 16 | | | | | | | | | | | |
| MC100-0808ERN | 8 | 24VDC | | | | | | 8 | | | | |
| MC100-0808ETN | 8 | 24VDC | | | | | | 8 | | | | |
| Analog | | | | | | | | | | | | |
| MC100-2AD | 2 | | | | | | | 61x | 90x | 73.1 | | |
| MC100-2DA | 2 | | | | | | | | | | | |
| MC100-4AD | 4 | | | | | | | | | | | |
| MC100-4DA | 4 | | | | | | | | | | | |
| MC100-5AM | 4 | | 1 | | | | | | | | | |
| MC100-2TC | 2 | | | | | | | | | | | |
| MC100-4TC | 4 | | | | | | | | | | | |
| MC100-2PT | 2 | | | | | | | | | | | |
| MC100-4PT | 4 | | | | | | | | | | | |
| MC100-1WT | 1 | | | | | | | | | | | |
| MC100-2WT | 2 | | | | | | | | | | | |

| | | mm | | x | | x | |
|-----------------|--------------|-------|-------|-------|--|---|----------------|
| PLC | | | | | | | |
| MCA200-CA10 | PLC | USB | 2m | | | | USB-MiniDin8 |
| MCA200-CA01 | PLC | RS232 | 2m | | | | DB9F-MiniDin8 |
| MCA200-CA02 | PLC | RS232 | 2m | | | | DB9F-MiniDin8 |
| MCA200-CA17 | PLC | RS485 | 2m | MC280 | | | USB-MiniDin8 |
| MCA200-CA18 | PLC | RS485 | 2m | | | | MiniDin8-RS485 |
| MCA200-CA11 | USB | RS232 | 2m | | | | USB-DB9M |
| MCA200-CA04 | MC200 | | 0.65m | | | | () () |
| MCA200-CA05 | MC200 | | 2m | | | | () () |
| MCA200-CA09 | MZ600 | PLC | RS232 | 3.5m | | | DB9M-MiniDin8 |
| MCA200-CA14 | MZ600 | PLC | RS232 | 2m | | | DB9M-MiniDin8 |
| MCA200-CA16 | MZ800 | PLC | RS232 | 8m | | | DB9M-MiniDin8 |
| MCA200-CA01 | MZ800 | PLC | RS232 | 2m | | | DB9M-MiniDin8 |
| MCA200-CA12 | MC120/MC160/ | | 2m | | | | USB-RS485 |
| MCA200-CA13 | / | | 2m | | | | USB-RJ45 |
| MCA200-UDM01SL1 | MCA200-UDM01 | PLC | | | | | RJ45-MiniDin8 |

MC160X

MC160X Series Economical & Practical PLC

MC160X



- 40KHz, AB 15KHz
- 3 100KHz



- 6 2 0-20mA 4 /
- 0-20mA/0-10V
- 4 0-20mA/0-10V



- 2 RS485



- 4 PT100

| | | | | | X X |
|-------------------|----------|----|-------------|--|----------------------------|
| MC160X-0806BTD1-2 | 8 24VDC | 6 | 4AD 2DA | | 111.1mm x 45.6mm x 114.8mm |
| MC160X-1206BTD1-2 | 12 24VDC | 6 | 4AD 6DA | | |
| MC160X-0806BTD7-2 | 8 24VDC | 10 | 4AD 2DA 4PT | | |
| MC160X-1414BTD1-2 | 14 24VDC | 6 | 4AD 2DA | | |
| MC160X-1214BMD1-2 | 12 24VDC | 6 | 8 4AD 2DA | | |

MC5000S

I/O

MC5000S Series Remote I/O Module

MC5000S I/O MEGMEET I/O

-
-
-
- 12
-
-
-



1-12 MC5000

| | MC5000S-ET | MC5000S-EIP | MC5000S-PN |
|-----|----------------------|--|--------------------------|
| | | 24VDC -15% ~ +20% | |
| x x | 100mm x 34mm x 113mm | 102mm x 52.2mm x 110.5mm | 102mm x 52.2mm x 110.5mm |
| IO | | 12 | |
| | | 0.5ms | |
| | EtherCAT Slave | Ethernet/IP Slave | Profinet Slave |
| | | 100Mbps | |
| | | 100M | |
| | | 1ms | |
| | | <ul style="list-style-type: none"> • MC5000 MC6000 PLC • Beckho Siemens PLC • Mitsubishi KEYENCE Omron PLC • Codesys PLC | |

MDT

MDT Series Temperature Controller

MDT LED 50Hz/60Hz 2 2

500VDC

- MtcCompanion /
-

| | | | | |
|--|--|---|-----|--|
| | | 24VDC -15% ~ 20% | | |
| | | K J E N T R B | | |
| | | Pt100 JPt100 Cu100 Ni120 | | |
| | | 0.2% + 0.3% | | |
| | | 25ms/ 100ms/8 100ms/4 | | |
| | | SSR | | |
| | | ON/OFF PID PID PID | | |
| | | | 14 | |
| | | | 1/2 | |
| | | 0.1s - 10s 1s - 100s | | |
| | | 1/2 | | |
| | | 1 RS485 : MODBUS MCBUS | | |
| | | 10-90%RH o H | | |
| | | 2000m | | |
| | | IP20 | | |
| | | IEC/EN 61326-1 For use in industrial locations CE | | |

| | | | |
|-----------|---|--|--|
| MDT-01R-R | 1 | | |
| MDT-01R-T | 1 | | |
| MDT-01T-R | 1 | | |
| MDT-01T-T | 1 | | |
| MDT-02R-R | 2 | | |
| MDT-02R-T | 2 | | |
| MDT-02T-R | 2 | | |
| MDT-02T-T | 2 | | |

MTC/MTCW/MTCV

MTC/MTCW/MTCV Series Temperature Controller

MTC/MTCW/MTCV

(1 12 16)

- MtcCompanion
- PID
-
-
-

MtcCompanion

/

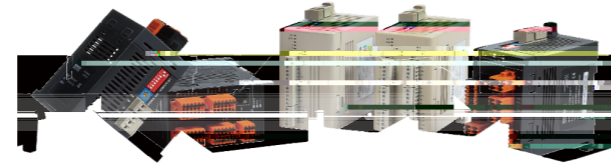
PID

14

12

PLC

HMI



| | | | | |
|----|--|--------------------------|--------------|---------|
| | | 24VDC -15% ~ 20% | | |
| | K J E N T R B | Pt100 JPt100 Cu100 Ni120 | | |
| | | 0.2% | 0.3% | |
| | | 25ms/ | 100ms/8 | 100ms/4 |
| | | SSR | | |
| IO | | ON/OFF | PID PID PID | |
| | | 14 | | |
| | | 8 | | |
| | | 4 | | |
| | | 0.1s - 10s | 1s - 100s | |
| | | 4 | 8 | |
| | MTCV | | | |
| | MTC/MTCV | RS485 | MODBUS MCBUS | |
| | MTCW | RS485 | RS485 MODBUS | |
| | | -20-60 | -40-70 | |
| | | 10-90% RH | 5-95% RH | |
| | | 2000m | | |
| | | IP20 | | |
| | IEC/EN 61326-1 For use in industrial locations UL61010-1 CE UL | | | |

MTC

| | | | | |
|------------|---|---|------|--|
| MTC-04-NT | 4 | (4) | | |
| MTC-08-NT | 8 | (8) | | |
| MTC-04-NTT | 4 | (4) | (8) | |
| MTC-04-NTR | 4 | (4) (8) | (8) | |
| MTC-04-NVT | 4 | (4) (8 0-20mA 4-20mA) (8 0-1V 0-5V 0-10V 1-5V) | (4) | |

MTCW

2 RS485

| | | | | |
|-------------|----|---------------------------|------|------|
| MTCW-04-NTT | 4 | (4) | (4) | |
| MTCW-04-NI | 4 | (4 0-20mA 4-20mA) | | |
| MTCW-04-NV | 4 | (4 0-1V 0-5V 0-10V 1-5V) | | |
| MTCW-08-NN | 8 | | | |
| MTCW-08-NI | 8 | (8 0-20mA 4-20mA) | | |
| MTCW-08-NV | 8 | (8 0-1V 0-5V 0-10V 1-5V) | | |
| MTCW-08-NTT | 8 | (8) | (8) | |
| MTCW-12-NT | 12 | (12) | | |
| MTCW-16-NN | 16 | | | |
| MTCW-08-CT | 8 | (8) | | (8) |
| MTCW-08-NTD | 8 | (8) (8) | | |

MTCV

1 RS485

| | | | | |
|------------|----|-------|--|--|
| MTCV-16-NT | 16 | (16) | | |
| MTCV-08-NT | 8 | (8) | | |

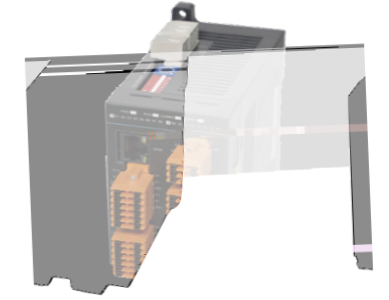
MTCE

EtherCat



EtherCat

± 0.15 ± 0.2
0.1 1ms PID



| | | | | |
|--|---|-----------|----------|-----|
| | 24VDC -15% ~ 20% | | | |
| | K J E N T R B | | | |
| | Pt100 JPt100 Cu100 Ni120 | | | |
| | 0.15% | + | 0.3% | |
| | 25ms/ | 100ms/8 | 100ms/4 | |
| | SSR | | | |
| | 10 | | | |
| | ON/OFF | PID | PID | PID |
| | 14 | | | |
| | SSR | | | |
| | 10 | | | |
| | 0.1s - 10s | 1s - 100s | | |
| | 10 | | | |
| | EtherCAT | | | |
| | -20~60 | | -40~70 | |
| | 10~90% RH | | 5~95% RH | |
| | 2000m | | | |
| | IP20 | | | |
| | IEC/EN 61326-1 For use in industrial locations CE | | | |

| | | | | |
|---|--------------------------|-----------|---------|-----|
| | 24VDC -15% ~ 20% | | | |
| | K J E N T R B | | | |
| | Pt100 JPt100 Cu100 Ni120 | | | |
| | 0.15% | + | 0.3% | |
| | 25ms/ | 100ms/8 | 100ms/4 | |
| | SSR | | | |
| | 4/8 | | | |
| | ON/OFF | PID | PID | PID |
| | 14 | | | |
| | SSR | | | |
| Ö | 4/8 | | | |
| | 0.1s - 10s | 1s - 100s | | |
| | 6/8 | | | |
| | 10~90% RH | | | |
| | H | | x SK | |

| | | | | |
|-------------|----|--|--|--|
| MTCE-10T-NT | 10 | | | |
| MTCE-10R-NT | 10 | | | |

| | | | | |
|-------------|---|---------------------------|------|--|
| MCAS-06-NI | 6 | (6 0-20mA 4-20mA) | | |
| MCAS-06-NV | 6 | (6 0-1V 0-5V 0-10V 1-5V) | | |
| MCAS-08-NI | 8 | (6 0-20mA 4-20mA) | | |
| MCAS-08-NV | 8 | (8 0-1V 0-5V 0-10V 1-5V) | | |
| MCAS-08-NTT | 8 | (8) | (8) | |

MQT

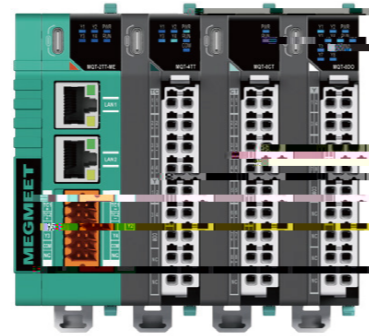
MQT Series Temperature Controller

MQT

PID



± 0.15
 0.1 PID
 PID
 PUSH IN
 CT



| | |
|---|-----------------|
| 24VDC -15% ~ 20% | |
| K J E N T R B | |
| Pt100 JPt100 Cu100 Ni120 | |
| 0.15% | + |
| 0.3% | |
| 25ms/ | 100ms/8 100ms/4 |
| SSR | |
| ON/OFF | PID PID PID |
| 14 | |
| 8 | |
| 4 | |
| 0.1s - 10s | 1s - 100s |
| 4 | 8 |
| RS485/Modbus-TCP/EtherNet/EtherCAT/Profinet | |
| -20~60 | -40~70 |
| 10~90% RH | 5~95% RH |
| 2000m | |
| IP20 | |
| IEC/EN 61326-1 For use in industrial locations CE | |

| MQT | | | | |
|------------|---|------------------------|------|-----------|
| MQT-2TT-ME | 2 | Modbus TCP/IP/Ethernet | (4) | |
| MQT-2RT-ME | 2 | Modbus TCP/IP/Ethernet | (4) | |
| MQT-2TT-ET | 2 | EtherCAT | (4) | |
| MQT-2RT-ET | 2 | EtherCAT | (4) | |
| MQT-2TT-RS | 2 | Modbus RS485 | (4) | |
| MQT-2RT-RS | 2 | Modbus RS485 | (4) | |
| MQT-2TT-PN | 2 | Profinet | (4) | |
| MQT-2RT-PN | 2 | Profinet | (4) | |
| MQT | | | | |
| MQT-4TT | 4 | Modbus RS485 | (4) | |
| MQT-4TA | 4 | Modbus RS485 | (4) | |
| MQT-4TR | 4 | Modbus RS485 | (4) | |
| MQT-4RT | 4 | Modbus RS485 | (4) | |
| MQT-4RA | 4 | Modbus RS485 | (4) | |
| MQT-4RR | 4 | Modbus RS485 | (4) | |
| MQT | | | | |
| MQT-8DI | 8 | 8 | - | (8) |
| MQT-8DO | 8 | 8 | (8) | - |
| MQT-8CT | 8 | 8 | - | |
| MQT-8DM | 8 | 4 | 4 | (4) (4) |
| MQT-8AI | 8 | 8 | - | (8) |
| MQT-8AV | 8 | 8 | - | (8) |
| MQT-8AO | 8 | 8 | (8) | - |

MZ800




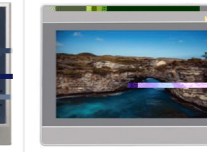

MZ800 Series Human-Machine Interface

MZ800

PLC G

PLC

| | | | | | |
|---------|---|---|---|--|---|
| |  |  |  |  |  |
| | MZ800-TT05SK30/31 | MZ800-TT107SK30 | MZ800-TT207SK30/31 | MZ800-TT207SK30/31W | MZ800-TT210SK30/31 |
| | 4.3 16:9TFT LCD | 7 16:9TFT LCD | 7 16:9TFT LCD | 7 16:9TFT LCD | 10.1 16:9TFT LCD |
| | 480x 272 | 800x 480 | 1024 x 600 | | |
| | TFT (LCD) | | | | |
| T/B/L/R | 50 70 70 70 | 50 70 70 70 | 30:50 70 70 70 30:85 85 85 85 | 85 85 85 85 | 85 85 85 85 |
| | 30:360/31:300 | 250 | 30:360/31:450 | 350 | 400 |
| | 24 | 16 | 24 | | |
| | 4 | | | | |
| | 600MHz ARM Cortex-A8 | 720MHz ARM | 1.2GHz ARM Cortex-A7 | | |
| | 128MB Flash+ 128MB DDR3 | 64MB RAM+ 128MB Flash | 128MB DDR3+4GB EMMC | | |
| RTC | 30: 31:10M/100M | | | | |
| SD | 30: 31: | | | | |
| USB | 1 USB Slave 2.0 1 USB Host 2.0 | | | | |
| | COM1: RS232/RS485/RS422 COM3: RS232 | | COM1: RS232/RS485/RS422 COM2: RS485/RS422 COM3: RS232 | | |
| | 5W | 10W | | | |
| | DC24V | | DC 9V~28V | | |
| | 5ms | | | | |
| CE | EN61000-6-2:2005 | EN61000-6-4:2007 | RoHS | ± 1KV | ± 2KV 4KV 8KV |
| | 30:-20-50 /31:-25-75 | 0-50 | | | |
| | 30:-25-60 /31:-30-80 | -20-60 | | | |
| | 10-90%RH () | | | | |
| | 10-25Hz (X Y Z 2G/30) | | | | |
| | IP65 () | | IP20 | | |
| | 30: 31: + | | | | |
| | 30:130x104x32 31:130x104x43 | 204 x 145 x 33.8 | | | 273 x 213 x 36 |
| | 120 x 93 | 192 x 138 | | | 260 x 202 |

| | | | | | |
|---------|---|---|---|---|---|
| |  |  |  |  |  |
| | MZ800-TT210SK30W | MZ800-TT215SK31 | MZ800-TT07SK31M | MZ800-TT210SK31M | MZ800-TT22P |
| | 10.1 16:9TFT LCD | 15.6 16:9TFT LCD | 7 16:9TFT LCD | 10.1 16:9TFT LCD | 22 16:9TFT LCD |
| | 1024 x 600 | 1920x 1080 | 800 x 480 | 1024 x 600 | 1920x 1080 |
| | TFT (LCD) | | | | |
| T/B/L/R | 85 85 85 85 | 85 85 85 85 | 50 70 70 70 | 85 85 85 85 | 85 85 80 80 |
| | 400 | 250 | 360 | 400 | 250 |
| | 24 | 16 | 24 | | 16 |
| | 4 | | | | |
| | 1.2GHz ARM Cortex-A7 | 1G ARM Cortex-A8 | 600MHz ARM Cortex-A8 | | 800MHz ARM Cortex-A8 |
| | 128MB DDR3+4GB EMMC | 256MB Flash+512MB DDR3 | 128MFlash+128MDDR3 | | 256MB Flash+256MB DDR3 |
| RTC | 30: 31:1 10M/100M | | | | |
| SD | 30: 31:1 10M/100M | 2 10M/100M | 10M/100M | | 1 10M/100M |
| USB | 1 USB Slave 2.0 1 USB Host 2.0 | | | | |
| | COM1: RS232/RS485/RS422 COM2: RS485/RS422 COM3: RS232 | COM3: RS232/RS485/RS422 COM2: RS485 | COM1/COM2: RS232/RS485/RS422 COM3/COM4: RS232 | COM1: RS232/RS485/RS422 COM2: RS485/RS422 COM3: RS232 | COM1/COM2: RS232/RS485/RS422 COM3/COM4: RS232 |
| | 10W | 18W | 10W | | 20W |
| | DC24V | DC 9V~28V | DC24V | | DC 18V~28V |
| | 5ms | | | | |
| CE | EN61000-6-2:2005 | EN61000-6-4:2007 | RoHS | ± 1KV | ± 2KV 4KV 8KV |
| | 0-50 | 0-50 | -20-70 | -10-60 | -20-70 |
| | -20-60 | -20-60 | -30-80 | -20-70 | -20-60 |
| | 10-90%RH () | | | | |
| | 10-25Hz (X Y Z 2G/30) | | | | |
| | IP65 () | | IP20 | | |
| | | | + | | + |
| | 273 x 213 x 36 | 394x 256 x 36 | 200x 146 x 40 | 274 x 214 x 39 | 530 x 338 x 61 |
| | 260 x 202 | 380 x 245 | 192 x 138 | 260 x 202 | 502 x 302 |