

Specifications

CPU	
CPU	80188, 40MHz or compatible
SRAM	512K bytes
Flash Memory	512K bytes
EEPROM	2K Bytes
NVRAM	31 Bytes (battery backup, data valid up to 10 year)
RTC (Real Time Clock)	Yes
64-bit Hardware Serial Number	Yes
Built-in Watchdog Timer	Yes
Communication Interface	
COM1	RS-232 (TXD, RXD, RTS, CTS, GND)
COM2	RS-485 (D2+, D2-)
Ethernet Port	10BASE-T NE2000 compatible Ethernet Controller
COM Port Formats	
Data bit	7, 8
Parity	Even, Odd, None
Stop bit	1
LED Display	
5-Digit 7 Segment LED Display	Yes (for I-7188EXD-MTCP only)
System LED Indicator	Yes
Hardware Expansion	
I/O expansion bus	Yes
User defined I/O pins	14 pins
Dimensions	
I-7188EX(D)-MTCP	123mm x 72mm x 33mm
Operating Environment	
Operating Temperature	-25°C to +75°C
Storage Temperature	-40°C to +80°C
Power	
Protection	Power reverse polarity protection
Required Supply Voltage	+10 to +30V/DC (non-regulated)
Power consumption	2W for I-7188EX-MTCP 3W for I-7188EXD-MTCP