



IM-PC

Technical Brochure



I-Mark

Turn-Key Industrial Computer

More than a home computer

A great addition to the I-Mark dot-peen and scribe marking machines or the CMT Eclipse laser marking machines is the CMT industrial PC. The windows-based PC is a fanless PC with no moving parts. The complete upgrade includes Windows software, I-Mark or CMT Eclipse marking software preloaded, 17" monitor and mount, keyboard and shelf.

Compatible Systems

- I-Mark M and MS Series - included
- I-Mark C Series
- CMT Eclipse LE16 Compact
- CMT Eclipse LE24 Round
- CMT Eclipse LE48 Large Bed
- CMT Eclipse LER Rotary Turn Table
- CMT Eclipse Tunnel Automated Conveyor

IMPC - Components

- Monitor 17" and monitor mount*
- Keyboard with integrated mouse. Membrane keyboard for laser systems
- Keyboard shelf*
- Laser or I-Mark software loaded and tested
- All components to be mounted to system or marking machine base
- IMPC Windows 10 (64 bit)
 - Fanless
 - No moving parts
 - Configurable
 - 24VDC quick disconnect
 - This system includes an aluminum heat sink for durability and reliability and is ideal for many production environments.

* Style of mount and shelf varies model to model. Laser mount shown at right.

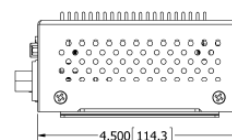
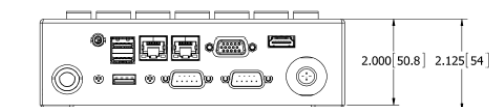
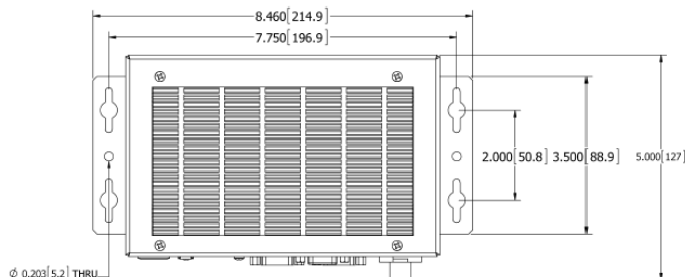


Marking Machines



IM-PC Key Features

- Bay Trail motherboard
- 1.83GHz Quad Core 
- 24VDC power connector
- Aluminum head sink
- Slotted mounting bracket
- Fanless cooling



PC Specifications

Standard Model

Part number	IM-PC
System I/O	2x Ethernet ports (10/100)
	1x RS232 port
	1x RS232/422/485 Port
	2x USB 3.0 ports
	1x USB 2.0 port
	1x VGA port
	1x HDMI port
	1x Audio jack 3.5mm
Storage devices	mSATA SSD 128GB
CPU	Bay Trail Quad Core
CPU speed	1.83GHz Base 2.16GHz Turbo (4 Cores, 4 Threads)
Operating system	Windows 10 (64 bit)
Memory	8GB
Power supply	24VDC Power entry M12 4pin
Power consumption	25 Watts
Temperature	Operating: 0° to 50°C (32° to 122°F)
Relative humidity	Non-condensing: 20% to 80%
Shock	Operating: 10G
Vibration	Operating: 1G from 57~2000Hz
Warranty	12 Month limited warranty