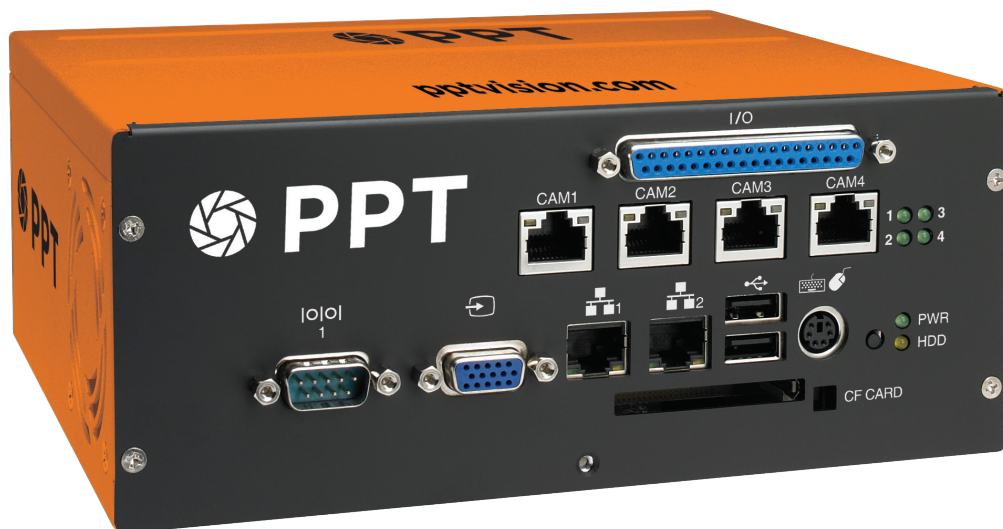


## At a Glance

The PPT Vision M40 is a ruggedized and compact embedded vision processor that features Intel® multi-core processors and four independent PoE (Power over Ethernet) camera ports. The M40's long-life embedded components provide a very robust and reliable vision system for critical inspection applications.



## Features

- Windows® XP operating system
- Controls up to four M-Series cameras
- PC built into the M40 processor
- Multi-core processing power
- Wide selection of camera models
- High-capacity, solid-state drive
- Supports PoE and is capable of distances of 25 m (Cat5e) to 100 m (Cat6e) from the vision processor to the camera
- Runs PPT Vision Impact Software Vision Program Manager (VPM), providing fast deployment of flexible, robust inspection tasks and migration of existing inspection tasks to A-, T-, C- and M-Series processors
- Runs PPT Vision Impact Software Control Panel Manager (CPM), which enables deployment of a configurable and secure operator interface with on-the-fly control
- Optional PPT Embedded Security Software maintains security by preventing unauthorized changes to the system software

## Specifications

CPU	Intel® P8400 dual-core 2.26 GHz
SYSTEM MEMORY	4 GB DDR3 RAM
STORAGE	40 GB solid-state hard drive, CompactFlash Type I
GRAPHICS	Intel GM45/ICH9 video chipset (1600 x 1200 resolution)
CAMERA INTERFACE	4-1000 Mbps Base-T, PoE camera ports (up to 7 W per channel)
NETWORK INTERFACE	2-10/100/1000 Mbps Base-T, LAN ports
SERIAL COMMUNICATIONS	2-RS-232/RS-422/RS-485 serial ports
USB	3-USB 2.0 ports
KEYBOARD/MOUSE	Combined PS/2 type mini-DIN connectors
COMM CONNECTIVITY	Supports Ethernet/IP, Modbus TCP and OPC
I/O	16-CH optically isolated digital inputs and outputs 2 event inputs (shared with the Polled Inputs)
OPERATING SYSTEM	Windows XP Pro 32-Bit OS, SP3
POWER REQUIREMENTS	24 VDC (+/- 10%, 3 amp min)
DIMENSIONS	200 mm x 85 mm x 165 mm (7.8 in. x 3.3 in. x 6.5 in.)
OPERATING TEMPERATURE	0 to 50° C (+32 to +131° F)
HUMIDITY	0 to 90% (non-condensing)
CERTIFICATIONS (SAFETY COMPLIANCE)	CE/FCC, RoHS, UL pending

## Benefits

- Easily integrates with the PPT Vision A-, T- and C-Series smart cameras for data sharing and inter-camera communication without needing a PC
- Lower installation cost
- Combines up to four unique camera capabilities for application-specific requirements
- Simplifies cabling by eliminating the necessity for camera power cables
- Shared processing reduces cost per inspection point
- Increased inspection power delivers higher inspection rates