

EAGLE-8701

Machine Vision Controller with 4th Generation Intel® Core™ Processors



Features

- 4th generation Intel® Haswell platform
- FAN-less (support max TDP = 45W Processor)
- 6 x PoE Gbe Ethernet w/ 802.3af Compliant designed for PoE camera
- 6 x USB3.0 combo ports designed for USB3.0 camera
- 1 x PCIe16 expansion for add-on card
- Optional 2 FANs with Smart-FAN control
- Raid 0/1 Support

System

CPU	Intel® Core™ i7-4770TE 2.3GHz processor Intel® Core™ i5-4590T 2GHz processor
Memory	SO-DIMM 204Pin modules x 2 Supports up to 16GB DDR3L -1600MHz
Chipset	Intel® Q87
Graphics	Integrated Intel® HD Graphics 4600 series
LAN Chipset	1 x Intel® i217LM PCIe controller w/ iAMT 1 x Intel® i210AT PCIe controller 6 x Intel® i210AT PCIe controller for PoE
Watchdog Timer	1~255 levels reset

I/O

Serial Port	1 x RS-232/422/485 port (DB9 type)
USB Port	6 x USB3.0/2.0 ports 2 x USB2.0 Ports 1 x internal USB2.0 port for USB key/dongle
Video Port	1 x DisplayPort connector
D-I/O	8 x DI, 8 x DO (1.5KV isolation protection)
Expansion Bus	1 x PCIe16 Expansion for add-on card

Environmental

Operating Temp.	-10 ~ +55°C
Storage Temp.	-40 ~ +70°C
Operating Humidity	10 ~ 95% @ 45°C (non-condensing)
Vibration	5~500Hz 3G rms X,Y,Z axis w/SSD, according to IEC 68-2-64 10G peak acceleration (11 m sec. duration), operation
Shock & Crash	30G peak acceleration (11 m sec. duration), non operation According to IEC 68-2-27

Qualification

Certification	CE, FCC Class A
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Power Requirement

Power Input	DC 24V Input (w/ 4-pin terminal block, dual power-in)
Power Consumption	180W Typical

Storage

Type	2 x 2.5" drive bay for SATA-3 interface SSD Supports 600MB/s HDD transfer rate Supports RAID 0/1
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Mechanical

Construction	Aluminum alloy
Mounting	DIN-rail, Wall-mount
Weight	5.6Kg (12.35lb)
Dimensions (W x D x H)	285 (W) x 230 (D) x 90 (H) mm

OS Support

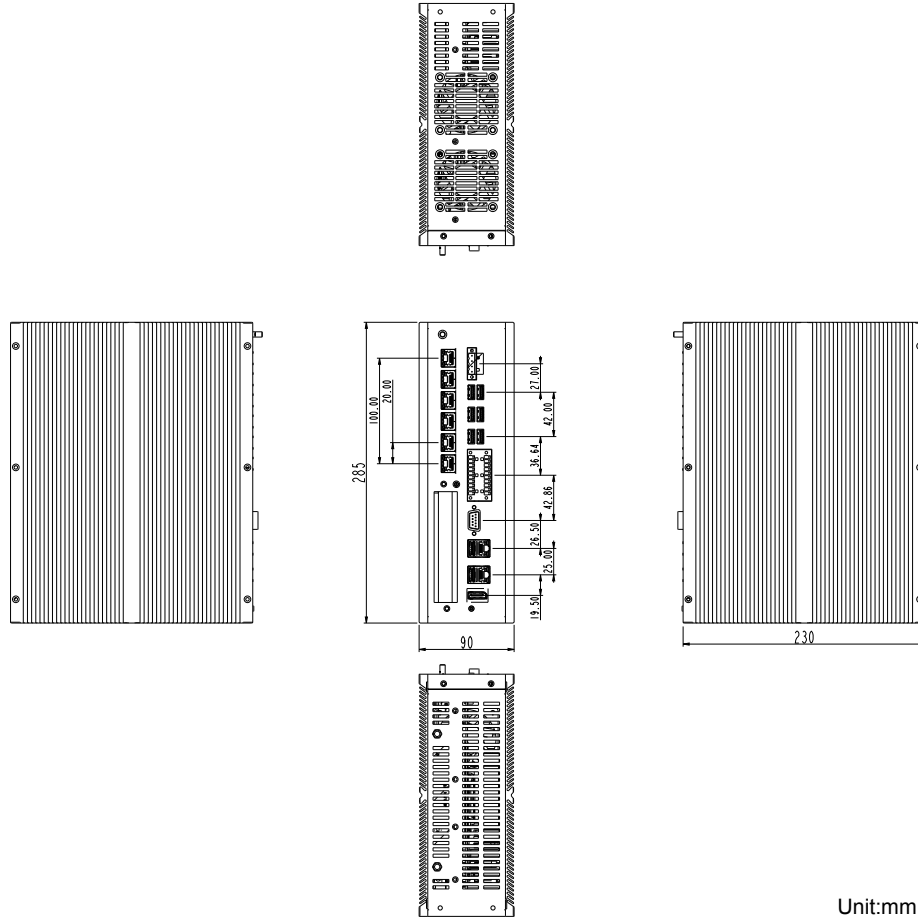
Windows 7 Embedded 64bit, Windows Embedded 8.1 Industry

Ordering Information

EAGLE-8701	EAGLE-8701 Barebone
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Dimensions



Unit:mm

Standard Accessories

Din-Rail	Din-Rail Kit
Wall-mount	Wall-mount Kit

Optional Accessories

Core™ i5-4590T	Intel® 4th Gen. Core™ i5-4590T processor, L2/6M, 2.0G
Core™ i7-4770TE	Intel® 4th Gen. Core™ i7-4770TE processor, L2/8M, 2.3G
MK-3C-4G	DDR3-1333 4GB SDRAM DIMM KIT
MK-3C-8G	DDR3-1333 8GB SDRAM DIMM KIT
80GB SSD	Intel® 2.5" 80GB SATAIII SSD kit
PAC-180W6C-FSP	180W AC/DC 24V ADAPTER KIT

*CTOS means Configure-to-Order Service.