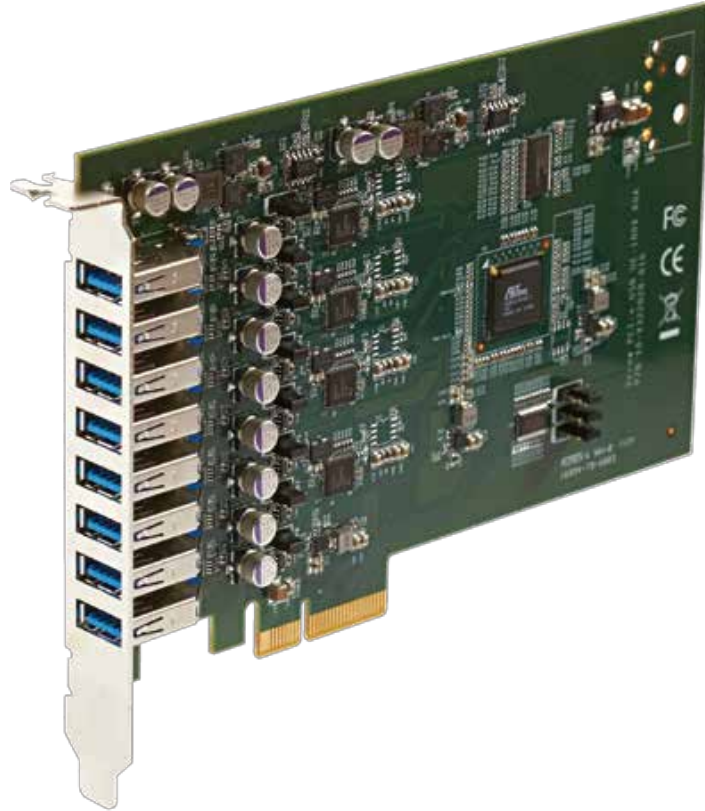# UE-1000 Serie

PCI Express x4, 8 Ports/ 4 Ports USB 3.0 Expansion Card

- 4 Independent USB 3.0 Controllers
- Smart Current Protection : 900mA/ 1500mA
- Remote Power-on/ Power-off Management
  by each port (Optional)

- Up to 8 USB 3.0 Ports
- USB 3.0 Rev. 1.0 compliant
- Intel® xHCI Rev. 1.0 compliant
- PCI Express x4 Interface

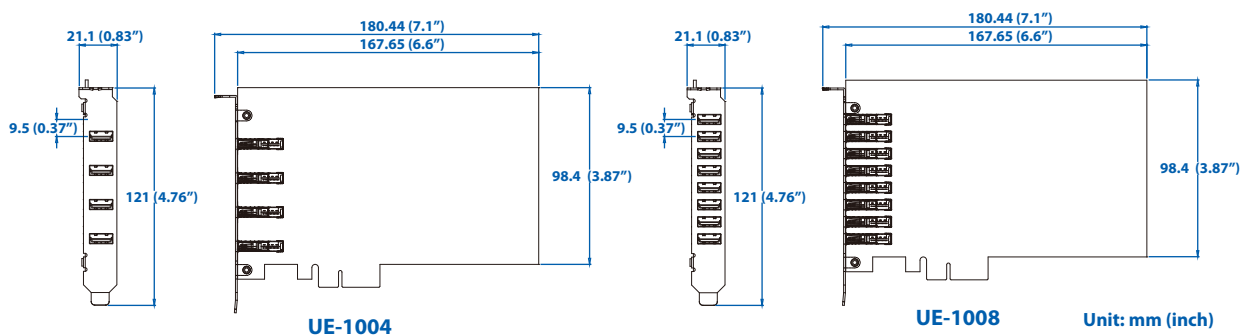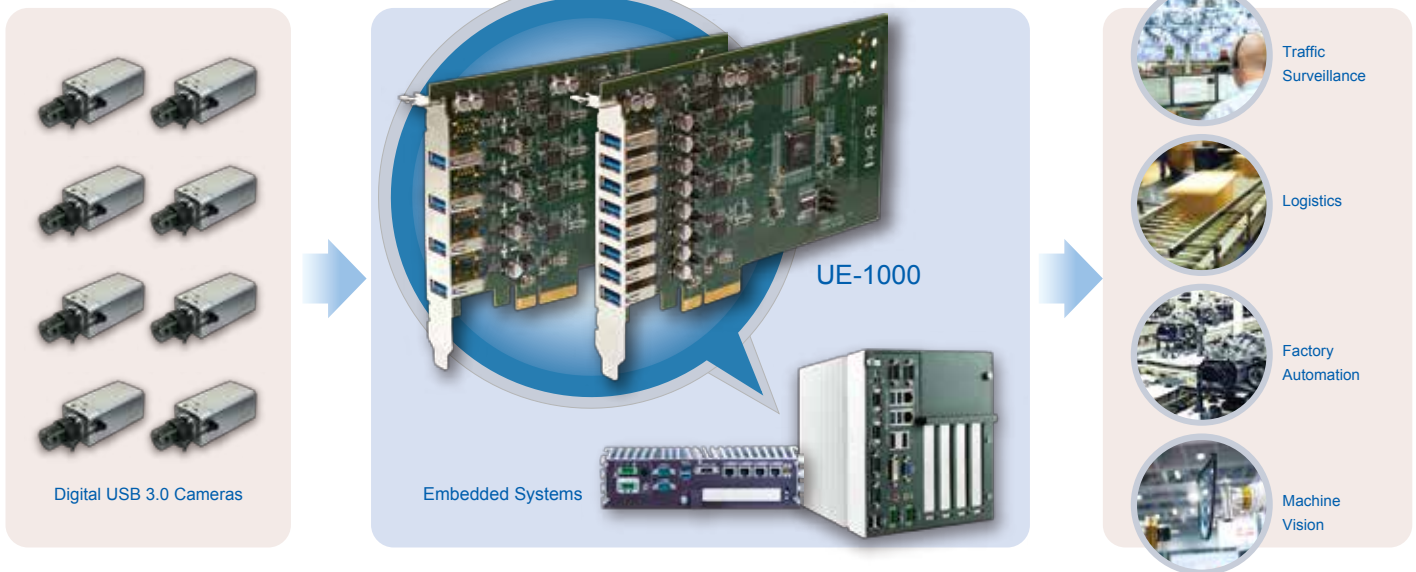| Traffic Surveillance | Logistics | Factory Automation | Machine Vision |

UE-1000 is a series of USB 3.0 expansion cards which is powered by independent USB 3.0 host chips. With the latest USB 3.0 technology, UE-1000 series USB 3.0 expansion card delivers 10 times data transfer rate, up to 5Gbps, to make performance driven plug-and-play system possible for Traffic Surveillance, Logistics, Factory Automation, Machine Vision, Factory Inspection, Medical, Security and any Super Speed data transportation applications.

Vecow

☐ Applications

Digital USB 3.0 Cameras

UE-1000

Embedded Systems

Traffic Surveillance

Logistics

Factory Automation

Machine Vision

21.1 (0.83")
9.5 (0.37")
121 (4.76")

180.44 (7.1")
167.65 (6.6")
98.4 (3.87")

UE-1004

21.1 (0.83")
9.5 (0.37")
121 (4.76")

180.44 (7.1")
167.65 (6.6")
98.4 (3.87")

UE-1008

Unit: mm (inch)

☐ Specification

USB

Interface	PCI Express x4
Controller	4 Renesas µPD720202 Host Controllers
	Compliant with Universal Serial Bus 3.0 specification Revision 1.0
	Compliant with Intel® xHCI specification Revision 1.0"
Connector	8/ 4 USB 3.0 Type-A Connectors
Current Protection	User-configurable 900mA/1500mA per-port current limit (Jumper)
Data Rate	Super Speed (5Gbps)/ High Speed (480Mbps)/ Full Speed (12Mbps)/ Low Speed (1.5Mbps)

Environment

Operating Temperature	0°C to 70°C (32°F to 158°F)
Storage Temperature	-40°C to 85°C (-40°F to185°F)
Certifications	FCC, CE, RoHS compliance

Mechanical

Dimension (W x D x H)	168mm x 121mm x 21mm (6.6" x 4.8" x 0.8")

☐ Order Information

Part Number	Description
UE-1008	8-Port USB 3.0 host adapter with 4x independent USB 3.0 controllers
UE-1004	4-Port USB 3.0 host adapter with 4x independent USB 3.0 controllers

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