

Featured supplier

Vecow

Vecow is a leading designer and manufacturer of Machine Vision, Intelligent Surveillance, Artificial Intelligence and Vehicle computing solutions. Alcom's sales and technical team are trained by Vecow and provide expertise in design-in, technical and commercial support to all Benelux customers. Alcom's knowledgeable service team can guide you to your ideal product and solution and look forward to assist our customers within their next smart embedded system design.

Smarter AIoT Solution Services

Machine Vision - Intelligent Surveillance -
Artificial Intelligence - Vehicle Computing



Applications & Markets



Robotic Control



Machine Vision



Smart Retail



Face Recognition



Traffic vision



Factory Automation

Core Competencies

Leading Expertise

- IPC Domain Knowhow
- Performance Driven
- User-friendly Oriented

Optimized Designs

- Integrated Features
- Compact Design/Small Form Factor
- Industrial-grade Reliability



Easy Customization

- Less Engineering Efforts
- Lower Total Project Cost
- Faster Time-to-Market

Flexible Teamwork

- One-stop Service
- World-leading Ecosystem
- Win-win Partnership



Embedded Systems

- High-performance Fanless Systems
- Ultra-Compact Fanless Systems
- Expandable Robust Computing Systems
- PoE+ Embedded Systems
- M12 Embedded Systems
- GPU Computing Systems
- 10GigE Embedded Systems
- LAN Switch Systems
- Arm-based IoT Gateway



High-performance Fanless Systems



ECX-2000
(Comet Lake)



ECX-1000
(CFL-R S/CFL-S)



SPC-5600
(CFL-R S/CFL-S)



IVH-9200 (M12)
(KBL-S/SKL-S)



ECS-9000/9200 (M12)
(KBL-S/SKL-S)



IVH-9000
(SKL-H)

Expandable Robust Computing Systems



ECX-2200/2100 (M12)
(Comet Lake)



ECX-1400
(CFL-R S/CFL-S)



ECX-1200/1100 (M12)
(CFL-R S/CFL-S)



ECS-9200/9100
(KBL-S/SKL-S)



ECS-9700/9600
(SKL-H)



RCX-1000
(CFL-R S/CFL-S)



RCS-9000/9000F
(KBL-S/SKL-S)



SEC-2000
(Apollo Lake)

Ultra-Compact Fanless Systems



SPC-7000/7100
(Tiger Lake UP3)



SPC-6000
(Elkhart Lake)



ABP-3000 (PoE)
(Whiskey Lake-U)



SPC-5000/5100
(Whiskey Lake-U)



SPC-5200 (PoE)
(Whiskey Lake-U)



RES-3000 (M12)
(Whiskey Lake-U)



ARS-2000 (M12)
(Kaby Lake-U)



ECS-4500/4000
(Skylake-U/Broadwell-U)



SPC-4010/4020
(Apollo Lake-I)



SPC-4600/4500
(Apollo Lake-I)

PoE+ Embedded Systems



ECX-2200
(Comet Lake)
4-port PoE+



ECX-2000
(Comet Lake)
4-port PoE+



ABP-3000
(Whiskey Lake)
2-port PoE+



ECX-1000/1200/1400
(CFL-R S/CFL-S)
4-port PoE+



ARS-2000 (M12)
(Kaby Lake-U)
2-port M12 PoE+



SPC-4600
(Apollo Lake-I)
2-port PoE+



ECS-9000/9200/9700
(KBL-S/SKL-H) X-coded/A-
coded M12 PoE+



IVH-9000/9200
(SKL-H/KBL-S) 16-port PoE+/
4-port M12 PoE+



ECS-4500
(SKL-U)
4-port PoE+/2-port PD

M12 Embedded Systems



ECX-2200
(Comet Lake)
4-port PoE+



RMS-1000 (Whiskey Lake)
6-port X-coded M12 GigE LAN,
16V-160V DC-in, 1U Rackmount



IVH-9204MX ICY (KBL-S/SKL-S)
4-port X-coded M12 PoE+,
6 ICY SSD Tray, 16V-160V DC-in



ECX-1200M (CFL-R S/CFL-S)
4-port M12 PoE+, PCI/PCIe
Expansion



RES-3000 (M12) (Whiskey Lake-U)
2-port X-coded M12 LAN, M12 Power
2-port M12 COM, 2-port M12 USB



ECS-9200MXC (KBL-S/SKL-S)
X-coded/A-coded M12 PoE+, 2-port
CAN Bus



IVH-9200MXC (KBL-S/SKL-S)
X-coded/A-coded M12 PoE+, 4
SSD Tray, 2-port CAN Bus



ARS-2000M/ML (KBL-U)
2-port M12 PoE+



VIG-100/110/120 (Cortex-A7)
2-port M12 LAN

GPU Computing Systems



EVS-2000 (Comet Lake + MXM Graphics)
10G LAN, 8K resolution, max 8 displays



GPC-1000 (Dual GPU)
(CFL-R S + Dual 2-Slot NV/AMD PEG) 9V
- 55V, max 1500W for PEG, 4 PCIe



RCX-1500 PEG (Dual GPU)
(CFL-R S + Dual 2-Slot NV/AMD PEG)
6V - 36V, max 700W for PEG, 4 PCIe



RCX-1000 PEG (CFL-R S +
2-Slot NV/AMD PEG) 24V -
36V, max 300W for PEG, 2
PCI/PCIe



ECX-1400/1300 PEG (CFL-R
S + 2-Slot NV/AMD PEG) 8K
resolution, max 7 displays



ECX-1200/1100 PEG (CFL-R
S + NV/AMD PEG) 8K
resolution, max 6 displays



EVS-1000/1100 (KBL/SKL +
MXM Graphics) Fanless, 8K
resolution, max 7 displays

10GigE Embedded Systems



ECX-2055/1055
(Comet Lake/CFL-R S/CFL-S)
2-port 10GigE RJ45



ECX-2071/1071
(Comet Lake/CFL-R S/CFL-S)
2-port 10GigE SFP+



ECS-9071/9055
(KBL-S)
2-port 10GigE RJ45/SFP+



ECS-9771/9755
(Skylake-H)
4-port 10GigE RJ45/SFP+



SPC-3071/3055
(Skylake-U)
2-port 10G RJ45/SFP+



ECS-9771/9755 GTX1050
(SKL-H + GeForce GTX 1050)
8K resolution, 7 HD displays,
10G RJ45/SFP+

LAN Switch Systems



ECS-9160
(Kaby Lake-S/Skylake-S)



Arm-based IoT Gateway

- Industrial-grade Arm Cortex-A7 Processor
- 6V to 40V Wide Range DC Power Input
- -25°C to 70°C Operating Temperature
- 4 COM RS-232/422/485, 1 USB (OTG), 8 GPIO
- VIG-120/VIG-110/VIG-100



VIG-100 (M12)
(Cortex-A7)



Multi-Touch Panel PCs & Displays



- Industrial-grade IP65 Multi-Touch Panel PC (21.5"/19"/17"/15"/10.1")
- Industrial-grade IP65 Multi-Touch Display (24"/21.5"/19"/17"/15")

Embedded Motherboards



EMBC-5000 (3.5" SBC)
Intel SoC (Tiger Lake)
10G USB 3.1 Gen 2, GigE LAN,
2.5G LAN,
SUMIT A, B, 9V to 55V, Ignition
Control



EXBC-2000 (5.25" SBC)
Intel SoC (Whiskey Lake)
10G USB 3.1 Gen 2, GigE LAN,
PoE+,
RS-232/422/485, Mini PCIe, M.2



EXBC-1000 (5.25" SBC)
Intel C246/H310 (CFL-R S/CFL-S)
10G USB 3.1 Gen 2, GigE LAN,
RS-232/422/485, PCIe, SUMIT A, B



EMBC-3000 (3.5" SBC)
Intel Core i7/i5/i3 SoC (Whiskey
Lake-U) 10G USB 3.1 Gen 2,
GigE LAN, SUMIT A, B, 9V to
48V, Ignition Control



UMBC-1000 (Micro-ATX)
Intel C246/H310 (Coffee Lake)
10G USB 3.1 Gen 2, GigE LAN,
RS-232/422/485, M.2, PCI/PCIe

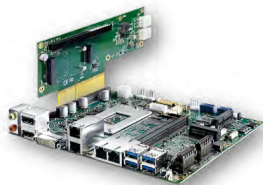


EMBC-2000 (3.5" SBC)
Intel Atom x7-E3950 (Apollo
Lake) IEEE 1588 (PTP), Isolated
COM, TPM 2.0



EMBC-1000 (3.5" SBC)
Intel Core i7/i5/i3 SoC (Sky-
lake-U) 5 COM, SUMIT A, B,
9V to 36V DC-in

EXBC-1000 Series Easy to Customize



PCI/PCIe Expansion : Graph-
ics Card/ 10GigE LAN/10G
SFP+/LAN Switch/ PoE+/GigE
LAN/USB/Video Capture



SUMIT Expansion : 10GigE
LAN/ 10G SFP+/5G Networks/
GigE LAN/ 1G Fiber/SIM Sock-
ets/Video Capture

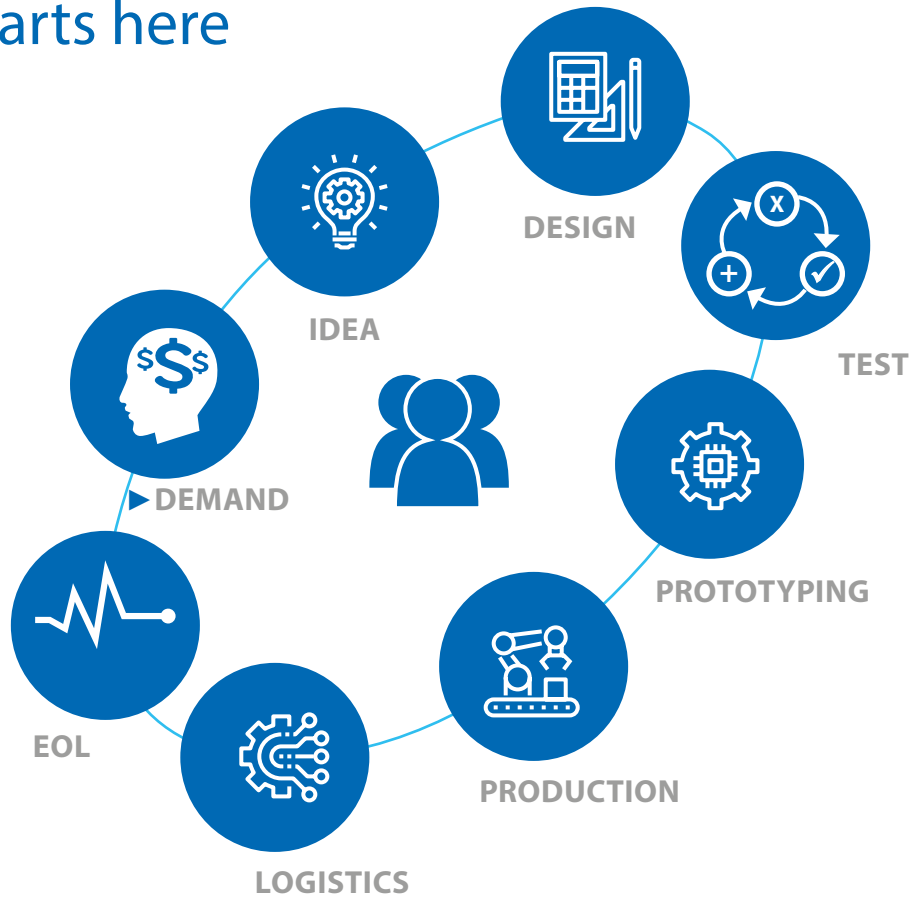
Versatile & Scalable SUMIT Expansion

- Multiple 10GigE LAN
- Multiple ST Fiber
- Multiple USB 3.1
- Multiple SIM Socket

Customized SUMIT Expansion

One-stop SUMIT Expansion Design & Manufacturing Services

Co-creation starts here



ELECTRONIC COMPONENT SOLUTIONS

- Semiconductors
- Passives
- Electromechanical
- Photonics

WIRELESS & NETWORKING

- Wireless Modules
- Wireless Boxed
- Networking & Connectivity

DISPLAY & TOUCH

- Display
- Touch

- LED
- Solid State Lighting

LED & SOLID STATE LIGHTING

EMBEDDED COMPUTING

- SBC, CPU & IPC
- Memory Storage
- Rugged Mobile Computing

- Power Conversion
- EMC

POWER & EMC

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