# Alcom
electronics

Featured supplier

congatec

Congatec is a leading supplier of industrial computer modules using the standard form factors **COM Express**, **Qseven** and **SMARC** as well as **single board computers**.

Alcom offers core knowledge and technical know-how including unique extended BIOS features as well as comprehensive driver and board support packages. Following the design-in phase, customers are given support via extensive product lifecycle management.

Alcom is proud to have been awarded for two consecutive years (2017 & 2018) as "EMEA GOLD Sales Partner" by Congatec AG.

This important recognition values the Alcom-Congatec relationship driven by specialism, knowledge and technical design-in expertise.

Embedded in your *success*
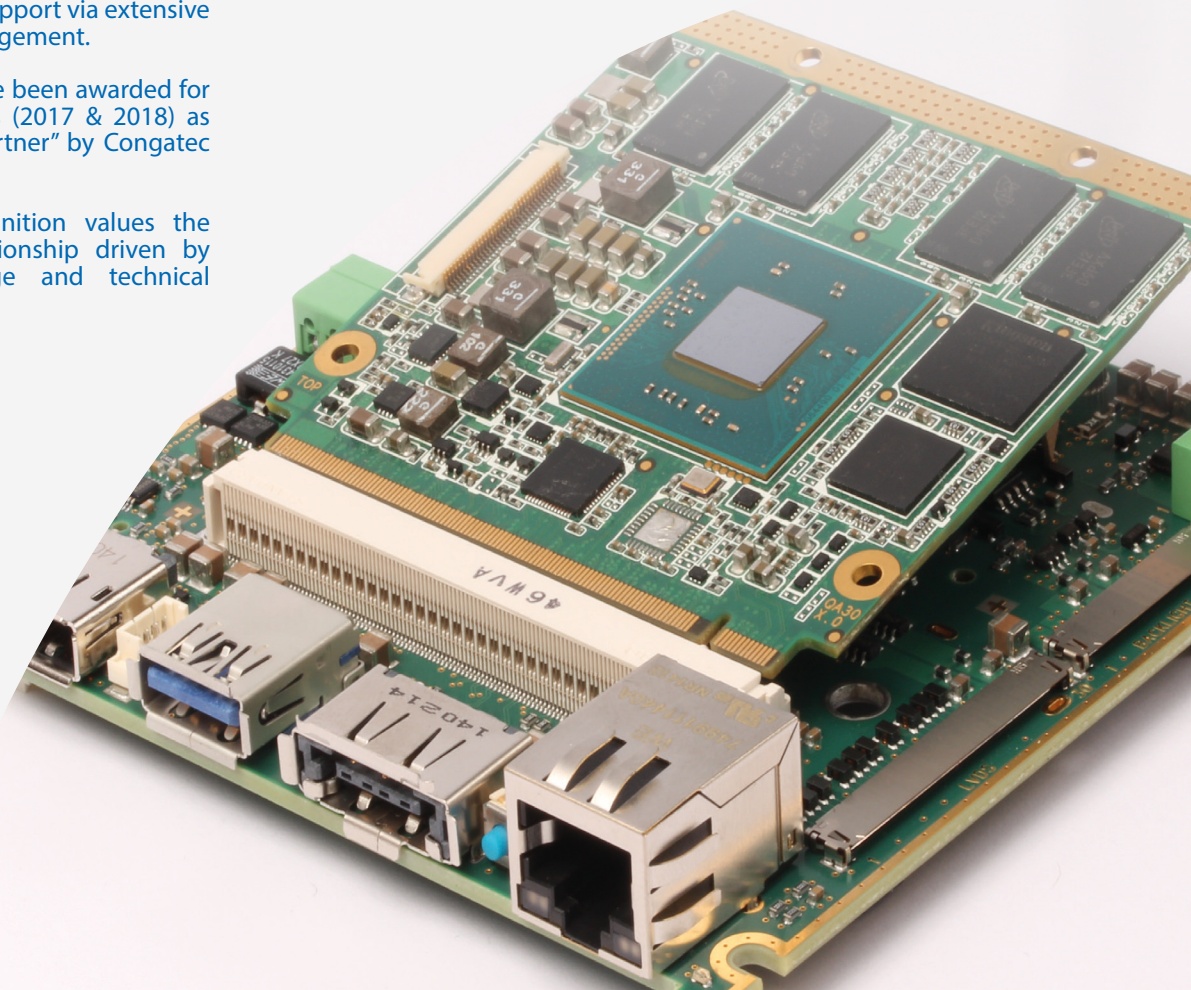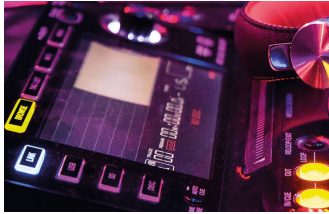
Applications & Markets

Industrial Automation

Energy

IIoT & Industry 4.0

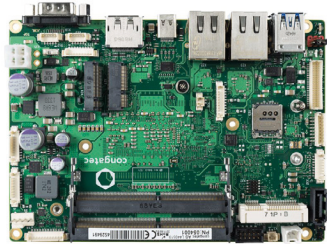Building Automation

Entertainment

Test & Measurement

Medical

Retail /POS

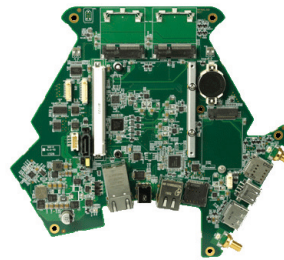# Embedded Solutions by a technology leader ...

Modules (COM)

Qseven, COM Express, SMARC and Starter Kits

Single Board Computers

Industrial Single Board Computers

Customized

Modified standard products Full custom designs

Embedded Software

UEFI/BIOS, Bootoader, congatec board controller, board support package

Connectivity	congatec API
Manageability	congatec Bios (AMI core)
Security	
congatec CoProcessor	Intel / AMD CPU
Computer-On-Modules (COM)	

... Through Technology Partners...

...

NXP

NVIDIA.

intel IoT Solutions Alliance Associate

intel Technology Provider Platinum 2019

AMD

...

... Driving Industry Standards since 2005

... XTX eXpress Technology for ETX

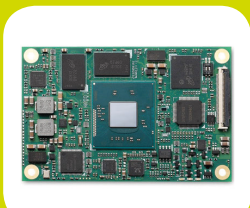SMARC 2.0

QSEVEN

Type 2/6/7/10 Module

COM·HPC™

...

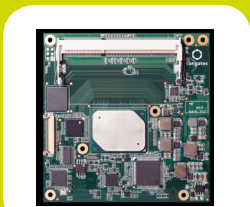## Full Product Overview
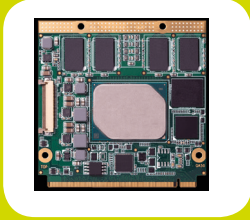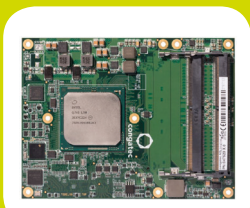
Qseven
Rev. 2.0

SMARC
Rev. 2.0

COM Express
Mini Type 10

COM Express
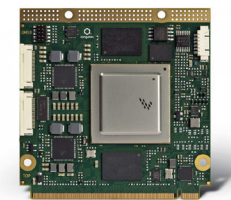Compact Type 6

COM Express
Basic Type 7

COM HCP

The ARM Modules
based on i.MX6 Cortex and i.MX8 ARM Cortex A53/A72 Series/processor

SMARC 2.0
Size 82x50 mm^2

SMARC module

NXP

Qseven
Size 70x70 mm^2
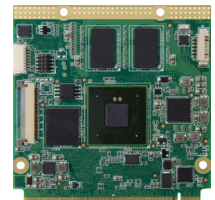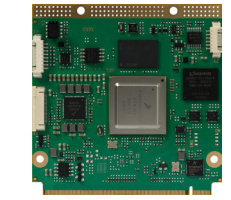
QSEVEN

NXP LMX8
Family

NXP I.MX8X
Family

NXP I.MX6
Family

The SBC's industrial Single Board Computers

Pico ITX
100 x 72mm^2
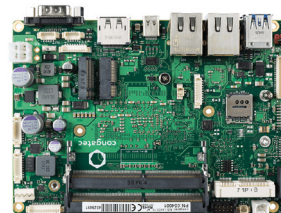
3.5" JUKE
146 x 102 mm^2
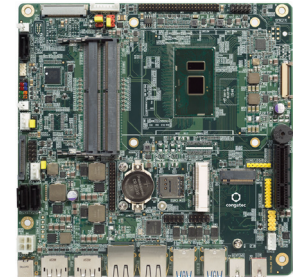
Thin Mini-ITX
170 x 170 mm^2

Application Ready Platforms for rapid engineering

Modules
COM Express and Qseven carrier boards
Including complete technical documentation

Technology
Smart battery starter kit for mobile applications

Internet of Things
Validated combination of hard- and software to address the particular needs of IoT and Industry 4.0

- Reliability
- Connectivity
- Manageability
- Security

Co-creation starts here

DESIGN	
IDEA	TEST
DEMAND	PROTOTYPING
EOL	PRODUCTION
LOGISTICS	

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 & EMC

- **Power Conversion**
- **EMC**

Alcom Belgium

Alcom electronics nv/sa

Singel 3
2550 Kontich

Tel +32 (0)3 458 30 33
Fax +32 (0)3 458 31 26

info@alcom.be
www.alcom.be

Alcom Netherlands

Alcom electronics bv

Rivium 1e straat 52
2909 LE Capelle a/d IJssel

Tel +31 (0)10 288 25 00
Fax +31 (0)10 288 25 25

info@alcom.nl
www.alcom.nl

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