



# COMPANY PROFILE

[www.compex.com.sg](http://www.compex.com.sg)



# ABOUT COMPEX

Compex Systems, a subsidiary of a publicly listed company in Singapore, is one of the leading global leaders in wireless communications. Established in 1987, Compex has been specializing in the design and manufacturing of wireless enabler products, offering superior OEM, ODM, and JDM services to help businesses boost connectivity, improve efficiency, and evolve for the future.

At Compex, our passion and dedication to technology and innovation drive our success. Our core competencies lie in our competitive R&D capabilities to design and manufacture innovative and reliable solutions that meet the unique needs of customers. Headquartered in Singapore with subsidiaries in Malaysia and China, Compex offers a comprehensive range of off-the-shelf, value-added design, and engineering services tailored to the global market.



**1987**

**Founded**  
in Singapore

**30+**

**Years**  
in design and  
manufacturing

**Qualcomm  
Authorised**

**Design Centre**  
in SEA

From wireless enabler products to wireless solutions for telecommunications, industrial automation, medical and smart cities, we are committed to providing customers with high-performance products and excellent services to accelerate your business growth. Our design, R&D, manufacturing, and extensive expertise enable us to deliver our customers' products to market faster with high quality and cost-effectiveness.

With over three decades of experience in the wireless technology industry, we continue to strive to play a leading role in the development of next-generation wireless technology and accelerate impact and global growth.

# WIRELESS CONNECTIVITY IS OUR PRIORITY

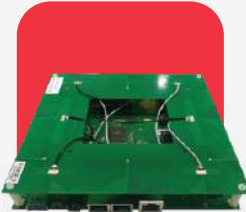
At Complex, we design, innovate, and offer high-quality wireless enabler products with cutting-edge technology to connect the world. All our commercial and industrial-grade portfolio of high-quality wireless enabler products, ranging from wireless modules to embedded boards and antennas, is designed to elevate connectivity, optimize efficiency, and enhance productivity.



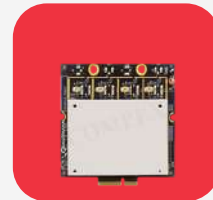
**Wireless Module**



**Embedded Board**



**Antenna**



**Qualcomm Reference Design**

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## OUR SERVICES →

With over 30 years of experience in the wireless technology industry, our commitment to technology, innovation, and quality empowers us to thrive in an ever-evolving landscape.

From software design, product testing, certification to customized design and mass production, our strong hardware and software capabilities and expertise allow us to address all your wireless connectivity needs. **We are your trusted OEM, ODM, and JDM wireless solutions provider.**

### **OEM** Original Equipment Manufacturing

- Our OEM services offer wireless components and total solutions to customers looking for quicker-to-market wireless solutions based upon Qualcomm Reference Designs to meet commercial requirements.
- This includes component and total solution customization to maximize the product's benefits and value.

### **ODM** Original Design Manufacturing

- We meet customer-specific requirements with ODM designs. From special interfaces, special power supply requirements to form factors, heat dissipation compromises and more, we strive to add value to your product capabilities, optimizing the product's performance to benefit the full interest of the end-user in your market.

### **JDM** Joint Development Manufacturing

- We also offer JDM services, where our engineering and development teams work jointly with the customer's team on the end-to-end solution to ensure product development integrity, seamless manufacturing, faster time-to-market, increased yield, and cost efficiencies.



# WHY COMPLEX?

## Providing the reliable solution for your wireless challenges

From design to manufacturing, we are committed to supporting our customers in achieving success. Our group of engineers and support team, certified manufacturing facilities, cutting-edge products, and reliable solutions help you solve your wireless challenges.

### **01** Accelerate Time to Market

Our wireless devices and software are designed to be readily implementable and customizable, minimizing your development costs, enabling a quicker time to market, and being cost-effective.

### **02** Software Capabilities

Our skilled software developers have a robust foundation of expertise to address various wireless networking products, ranging from developing proprietary hardware drivers and user interfaces to other advanced features that add significant value and set your product apart.

### **03** Hardware Capabilities

We specialize in hardware design for home networking, business and enterprise networking, and telecommunication. We have a dedicated group of RF engineers who focus on thorough research, design, and development of products with cutting-edge wireless technology.

### **04** Quality & After Sales Service

We have been committed to product quality and customer service since 1987. Trusted by the industry, we deliver high-quality products on time, innovative solutions, and excellent customer service. We are with you all the way to ensure top-notch after-sales services.

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## QUALCOMM AUTHORISED DESIGN CENTRE

“Since 2014, Complex Systems has been one of the Qualcomm Authorised Design Centres (ADC) in Southeast Asia.”

With over a decade of experience with Qualcomm Atheros (QCA) based solutions, our extensive hardware and software experience empowers us to offer design and manufacturing services to Qualcomm customers. We support customers in integrating wireless networking features into their products and solutions, empowering them to enter growing wireless markets worldwide. Our extensive experience and know-how enable our customers to launch their products to market faster with high-quality engineering.



QCA Reference  
Design Information



Sublicensing  
Program



Premium Ticket  
Support



CreatePoint  
Portal



# OUR MANUFACTURING

## Industry Leading Manufacturing & Quality Assurance

Situated in Suzhou China and Johor Malaysia, our strategically located manufacturing facility ensures our access to a wide range of high-quality component selections, engineering resources, and well-established logistics infrastructure, serving the global market. Whether you need a low-mix/high-volume or high-mix/low-volume solution, we've got you all covered.

**Asia  
Pacific**

Manufacturing Plants

**ISO  
9001:2015**

Certification

**RoHS  
REACH**

Compliant

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### Advanced Shop Floor Management System

- The advanced shop floor equipment controls and data collection are regulated to minimize human errors and optimize overall productivity.
- All the information and data, including revisions of products, changes in the Bill of Materials (BOM) for products, and process changes due to revisions of products or new product introductions, are updated towards production via our advanced system for operational efficiency.



### State-of-the-Art Manufacturing Equipment

- Our Surface Mount Technology (SMT) line uses nitrogen for the reflow process to achieve consistently high-quality soldering for all products.
- Additionally, our Automated Optical Inspection (AOI) system inspects the completion of component soldering and joint defect detection.



### Thoroughly Quality Assurance Testing

- Every product we manufacture is individually calibrated and tested to guarantee the best quality for our customers.
- The Litepoint testers tested each wireless embedded board and module to ensure the wireless calibration adheres to our stringent standards.
- Each antenna we produce undergoes individual testing with a Network Analyzer (Agilent) to guarantee its isolation meets our strict standards.



“Trusted by the industry,  
we solve your challenges  
and drive your **business**  
**success.**”



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