



## Beyonics Kota Tinggi, Malaysia

Beyonics' Kota Tinggi (KT) facility in Malaysia provides key manufacturing services, including PCB assembly, box-build, and plastic injection molding. It supports both high-mix/low-volume and low-mix/high-volume production.

KT facility operates in synergy with Beyonics' iPark Campus, which provides a comprehensive, end-to-end manufacturing solution. This strategic alignment allows KT to leverage shared technical resources and coordinated planning, offering OEM partners a responsive and reliable supply chain from prototyping to mass production.

With decades of industry experience, the Kota Tinggi team manages complete product lifecycles, including component sourcing, assembly, configuration, and global logistics, delivering end-to-end manufacturing solutions.



## Manufacturing Capabilities & Services

### Plastics Injection Molding

- Machine range from 40 tons to 450 tons
- In-house tooling room for maintenance and quick turnaround
- Robot arms for pick-and-place operations

### Secondary Processes

- Ultrasonic welding
- Heat stacking machines

### Electronics Assembly

- Surface mount technology, up to 0603 chip size capability
- 2D Auto solder paste inspection (SPI)
- 2D Auto inspection (AOI)
- Wave soldering
- PCB routing
- X-Ray inspection (Dage)
- PCBA functional testing

### Assembly Solutions

- Sub-assembly and full assembly capabilities
- Integrated production lines to meet customer requirements

### Material Handling Excellence

- Centralized drying and feeding system
- Ensures consistent material quality and reduced downtime.

### Testing and Inspection

- CMM
- Spectrometer
- Height Gauge
- Smart Scope
- X-Ray

### Quality & Reliability

- In-line inspection and dimensional measurement
- Comprehensive reliability testing for end-to-end assurance

## Industries



Automotive



Technology



Industrial Automation

## Certifications

- ISO 9001: 2015
- ISO 14001: 2015

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Beyonics is a global advanced precision engineering and manufacturing solutions provider. We design, build, and deliver products and applications for customers in the MedTech, Mobility, and SmartTech sectors.

