InnoPhase IoT

Talaria 6 Family
Wi-Fi, Bluetooth, Thread, Zigbee SoC

Elevate your IoT user experience with a comprehensive IoT platform

InnoPhase IoT extends the Talaria platform to support Wi-Fi 6, Bluetooth 6.0 (Classic & LE), Thread 1.4 and Zigbee 3.0 coupled with a comprehensive SDK.

> Ultra-Low-Power (ULP) & High-Performance Wi-Fi optimized for robust throughput in noisy environments.
> Single-band & Dual-band options.
> Integrated Bluetooth Classic, Bluetooth LE with BLE Audio and Channel Sounding for secure fine-ranging applications.
> Support for Thread & Zigbee mesh networks.
> Integrated high-performance Cortex-M33 processor & comprehensive peripheral suite to build all-in-one IoT devices.
> Processing power to enable Edge AI applications.
> PSA L2/L3 certification to address cybersecurity threats.
> 802.11be extensions with Multi-Link Operations (MLO) and Multi-Resource Utilization (MRU) support.
> Ready-to-use solutions with SDKs, hardware kits & tools.
> Global regulatory certifications & market specific interoperability certifications – Matter, AWS, Azure, Aliro, etc.

SKU	Description
INP6120	2.4 GHz Wi-Fi, BT/BLE, Thread, Zigbee
INP6220	2.4/5 GHz Wi-Fi, BT/BLE, Thread, Zigbee

Contact InnoPhase IoT at sales@innophaseiot.com for more information.

2x Energy Efficiency, Throughput & Range

Multi-Protocol & Multi-Band

Ecosystem Interoperability

End-to-End Security

Smart Home	Building Automation	Health & Medical	Industrial IoT

> Wireless Video Cameras
> Doorbells
> Smart Locks
> Smart Lighting

> Environmental Sensors
> Condition Monitoring Sensors
> Asset Tags
> Wireless Headsets

> Health and Medical Devices
> Hubs & Gateways
> Matter Bridge Routers
> Thermostats