IoT Compute Engine
EC3331

The IoT compute engine is a smart edge device that provides a simple to use solution for combining data across multiple IoT sources and delivering it to the cloud, enabling customers to create faster, more flexible and user-friendly applications for a variety of markets.

The IoT compute engine's robust computing capability provides a set of tools that enable businesses to reinvent existing applications and create new ones to develop incremental revenue. In addition toa quad-core Intel Atom® processor, the platform supports various radio protocols.

The sleek ergonomic design is well suited for many applications across several vertical markets. The platform includes a four-inch color display and a lighted halo ring for quick confirmation of successful data transmission. An integrated battery provides users with the freedom of mobility which is critical for some applications. With on-board processing power and available memory, developers will find this to be a perfect platform for developing custom applications.

The IoT compute engine is an IoT-enabled solution, which includes an OTA (Over The Air) management system. The solution can manage a large population of IoT compute engines, streamlining provisioning, software updates and all necessary management functions.

Customers benefit from our proven design, manufacturing and delivery experience to support their IoT capabilities and total-cost-of-ownership objectives.

![flex logo]

Features and Benefits

Touchless Set Up

»   Automatic set up (plug and play)

»   Programmable LED halo and high-resolution screen allows for intuitive user interactivity

»   Enables solution providers to layer their own or relevant value-add applications

»   Ecosystem of solution partners

Security

»   Encryption of all data

»   Provides a known methodology for security to help ensure data integriy at the edge

»   OS is locked and eliminates unauthorized updates and application loads

»   Tamper proof and IP-54 certified (dust and splash resistant)

Robust Performance

»   Breakthrough performance for edge computing

»   Quad-core Intel Atom quad-core processor

»   One gigabyte of memory

»   Cellular radio

»   Five enterprise radios

»   IoT-enabled OTA solution for full remote provisioning and management

Product Features and Specifications

»   Atom quad-core

»   8GB RAM

»   Meets IP-54 for wet environments

»   One hour battery life

»   Operating temperature 10°C to 60°C

»   PTCRB certified

Request a Developer Kit for the IoT compute engine at https://flex.com/connect

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