CUPCAKE
Compact Edge AI Server

Unigen's Cupcake Edge AI Server is a robust, compact solution for Machine Learning and Inference AI. Its rugged enclosure houses versatile I/O Interfaces and expansion options, facilitating seamless capture and processing of various signals. Compatible with leading ISV providers' Neural Networks, Cupcake offers flexibility for custom solutions.

Unigen AI Module
High Performance, Ultra Low Power

HW & SW
Fully Integrated Solution

WiFi/ 5G/ Bluetooth
Multiple Connectivity Options

16GB
DDR4 Memory

64GB
SSD

BENEFITS

✓ **Reduced Manual Work:** Cut down labor costs

✓ **Enhanced Speed & Accuracy:** Improve the speed and accuracy of data collection and processing through efficient tracking and management

✓ **Improved Data Collection:** Gather detailed and precise information to enable better operational decisions

✓ **Security:** Loss prevention and human error reduction through real-time processing and monitoring of inventory and vehicles

ABOUT US

SOLUTIONS. SERVICES. SIMPLIFIED.

From EMS to OEM and everything in between, Unigen has been a trusted technology partner to customers worldwide for over 30 years. We are a global leader in the design and manufacturing of industrial and enterprise grade OEM products, while also offering a full array of Electronic Manufacturing Services leveraging our state-of-the-art facilities in the U.S.A. and Vietnam. Whether you're seeking solutions or services, Unigen strives to simplify your life.

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Unigen™

CUPCAKE

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Transportation Warehouses

Warehouse Process Flow

1 IoT Camera on Mobile Cart Collects Delivery Van & Container Info

2 Cupcake
Compact Edge AI Server

a. Video Decoding & AI Processing

b. AI Identification & Logging

3 Wireless Transmission to On-Premises Servers
a. Application Processing & Data

4 Data is Broadcast For Warehouse & Customer Visibility