Traditional Market Research

01 **Labor-Intensive**: Requires one or more staff at one location

02 **Time Consuming**: Adequate amount of time per location for thorough data collection

03 **High-Cost**: If additional locations are required, implementation cost is doubled

04 **Manual Data Collection and Analysis**: Not real-time, less precise
**AI at the Edge in Super Markets**

**AIEdge-X®100-VPU**

- Powered by Intel® Celeron® J3455 Compact System
- Pre-installed with AIBoosterx2

- 4K Signage Display for Advertising
- AI Analysis on Facial Recognition
- Age / Gender / Attention
- People Counting

**System Architecture**

- AIBooster-X2
- AI Software
- 2x Camera
- 1x LAN
- 2x HDMI2.0

- Big Data
- Shopper Behavior
- Edge / Central Management
- Signage Display

**AI @ Precise Marketing**

- What
- Who
- Where


Product: AIEdge-X100-VPU

P/N: 10W20X10001X0

Product: AIEdge-X100-VPU
AI Enhancements Drive “Super Marketing” in Asia

Attention shoppers: pick up the AIEdge-X³ 100 today!

NEXCOM offers a comprehensive "AI precision marketing" system in the AIEdge-X³ 100, powered by Intel® Core™ CPU and Myriad® Myriad™ X VPU (via NEXCOM AIBoxer™-X2 module). The AI at the edge gateway also included Intel® OpenVINO™ AI and third-party 3D software for facial recognition analysis, two USB 3.0 ports to link cameras for video streaming shopping behavior, two HDMI 2.0 ports to connect dual displays, and a LAN port to send information to the edge and control center.

“AI precision marketing” is the way

Our marketing solution observes shopper behavior and sends information to the edge to perform big data analysis. The results you obtain can be the catalyst for "AI precision marketing" and its multiple benefits, avoiding the presumptions that come with traditional marketing.


Figure 1. The AIEdge-X³ 100 AI precision marketing system.
AI@the Edge Selection

**AIEdge-X@100-VPU**
Intel® Celeron® J3455 Processor

**AIEdge-X@537-VPU**
7th Gen Intel® Core™ Processor

**AIEdge-X@300**
8th/9th Gen Intel® Core™ Processor

**AIEdge-X@500**
8th/9th Gen Intel® Core™ Processor

**AIBooster-X2**
Intel® Movidius™ Myriad™ X VPU

**AIBooster-X2**
Intel® Movidius™ Myriad™ X VPU

**AIBooster-X8**
PCIex8 card

**AIBooster-X8**
PCIex8 card

**PCIex16 Graphic card**

**PCIex16 Graphic card**
New 11th Generation Intel® Core™ Processor Family

**X200**
- 3.5” Embedded Board
- 11th Generation Intel® Core™ processors
- Low Profile Design
- 4K/2K & Graphics Users

**NDiS B360**
- Edge Computing System
- 11th Generation Intel® Core™ processors
- Two Layers Rich I/O
- 4x USB3.0, 1x DP, 1x HDMI

**XPPC24-200**
- Industrial Panel PC
- 11th Generation Intel® Core™ processors
- Slim Bezel
- 1920x1080 FHD with P-cap Touch
- Optical Bonding, 350 nits
- 4x USB3.0, 2x LAN, 12Vdc

Sample release in April
Smart Edge . Smart City
Enable the Digital Transformation in Smart City

Smart Retail & Hospitality
- Digital Menu Board
- Indoor / Outdoor Signage
- Video Wall / IoT Dash board

Smart Service
- Self Check-In/Out System
- Interactive KIOSK System
- AI-Enabled System

Smart Entertainment
- Gaming / Casino
- Sports
- Hotel Facility

Smart Gateway
- Agriculture / Farming
- IoT Gateway
- Energy Saving

Smart Transportation
- Passenger/Flight Info Display System
- EV Charging System
- Surveillance

Smart Building
- Access Control
- Elevator Info System
- Visitor Sign-in System

Commerce & Education
- Interactive Whiteboard
- Video Conference Facility

ODM Service
- Medical devices
- POS devices
- Machine equipment
Three Growth Engines

NDiS Series
Co-Creating Smart Visual Solutions

X Series
Enable the Digital Transformation in Smart City

neXService
Self Service Kiosk

NDiS Series

Be ready for your flexible selection of products to suit any kinds of retail and hospitality applications. The NDiS series will fulfill all your digital signage needs, whether it be to entertain or inform guests in any environment and in any climate. The X Series NDiS modular X Series features a variety of network solutions that can be configured to suit your needs and budget.

The NDiS series is able to deliver high video quality content quickly with reliable systems that will operate 24/7, ensuring a splendid digital signage environment and dazzling user experience.

X Series

The X Series includes a range of durable options with the embedded computing for equipment and display screens. The X Series also offers Edge Computing System allowing your process to perform tasks for in-store equipment & machinery. The X Series is designed for scalable, modular, and customizable solutions. The X Series includes a variety of options that can be configured to suit your needs and budget.

X-Board
Embedded Computing

- Modular design
- Ideal for various applications
- Flexible mounting kit
- Rich peripherals
- Reliable P-Cap Touch

Neu-X
Edge Computing

- Embedded design
- Ideal for various applications
- Reliable P-Cap Touch
- Rich peripherals
- Flexible mounting kit
Thank you for watching!
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