Integrated Automation Systems
Enabling machine vision, motion control and factory signage

- Flexible and Compact Design
- IoT Ready Platform
- Maximizing Production Efficiency
Making Intelligent Factory Accessible

In the IoT era, industrial automation has gradually become sufficiently reliable to serve as an effective part of the production process. With Advantech integrated automation system solutions, the production line can be automated with robotic machine control as well as visual inspection and support data visualization through our software services.

3 Winning Facts

Flexible and Compact Design
To provide flexible support for different function requests, Advantech offers diverse modular products, including stackable I/O expansion and customized power inputs. The compact design not only enables easy IoT implementation but also energy saving.

IoT Ready Platform
Embedded IoT systems are all equipped with wireless connectivity and innovative software services to realize the IoT implementation. Our WISE-PaaS software platform can empower the deployment and management of IoT applications.

Maximizing Production Efficiency
All the systems are integrated with automation related peripherals, allowing use of a wide variety of controls and sensors that can add value to any management installation.

IoT System Deployments in Intelligent Factory
Through new ideas and technologies, Advantech embedded IoT systems integrated a series of innovative software solutions to make our systems more manageable, power-saving, and secure. This effectively relieves system developers and users of the complexity of device management and maintenance, and simplifies the operation of embedded devices.

**Remote Monitoring and Management**
- Centralized IoT device HW & SW status management
- Built-in 15+ real-time monitoring widgets

**Content management**
- Manages up to 500 screens
- Drag and drop operation
- Supports rich multimedia content

**Smart SCADA Management**
- Dashboard Editor & Viewer
- Widget Library & Widget Builder
- Cross Browser & Device Viewing

**IoT Cloud Solutions**
Advantech provides cloud services powered by Azure and WISE-PaaS to assist customers with connecting their industrial solutions to the cloud.
Product Offerings

**Edge Intelligence Server**  
WISE-PaaS/RMM  
**WebAccess/SCADA**  
**IoT Development Tools**

- **EIS-D110**  
  - Intel® Celeron® J1900  
  - WE7E/Win 10 Enterprise  
  - COM, GbE  
  - Wi-Fi, Bluetooth

- **EIS-DK10**  
  - Complete IoT connection solution, from sensor to edge system, to cloud  
  - Pre-configured Microsoft Azure service: Device Management Package (1 month free trial)

**Embedded IoT Systems**  
WISE-PaaS/RMM  
Motion & Vision Integrated

- **Embedded platform**  
  - ARK-3520  
  - Intel® 6th Gen Core i3/i5/i7

- **Motion cards**  
  - PCI-1274  
  - Motion controller with Position Latch and Trigger

- **Frame grabber**  
  - PCIE-1174  
  - PCIe x 4 compliant

**Motion Control Solutions**

- **Embedded platform**  
  - ARK-3405  
  - Intel® Celeron® N3160

- **Motion cards**  
  - PCI-1203  
  - EtherCAT master card  
  - PCI-1245E  
  - DSP-based 4-axis  
  - PCI-1285E  
  - DSP-based 8-axis

- **Soft control platform**  
  - ARK-2230L  
  - Intel® Celeron® J1900

**Machine Vision Solutions**

- **Embedded platform**  
  - ARK-3520  
  - Intel® 6th Gen Core i3/i5/i7

- **Machine vision cards**  
  - PCIE-1674E  
  - 4 x PoE ports  
  - PCIE-1672E  
  - 2 x PoE ports

- **Machine vision camera**  
  - QUARTZ  
  - 0.3-10.0 mega pixel PoE camera

**Factory Signage**

- **WISE-PaaS/RMM**  
  - WebAccess/IMM

- **DS-370**  
  - Intel® Celeron® J1900

- **DS-280**  
  - Intel® 6th Gen Core i3/i5/i7

- **DS-980**  
  - Intel® 6th Gen Core i3/i5/i7

---

**Advantech Headquarters**
No. 1, Alley 20, Lane 26, Rueiquang Road, Neihu District, Taipei, Taiwan 11491  
Tel: 886-2-2792-7818 Fax: 886-2-2794-7301  
www.advantech.com  
US/Canada: 1-888-576-9668  
Europe: 00800-2426-8080/8081  
China: 800-810-0345/8389  
Taiwan: 800-777-111  
Japan: 0800-500-1055  
Korea: 680-363-9494/9495

Singapore: 65-6442-1000  
Malaysia: 1800-88-1809  
Australia: 1300-300-531  
Thailand: 02-248-3140  
Indonesia: 62-21-7511939  
Mexico: 1-800-467-2415

8600000331