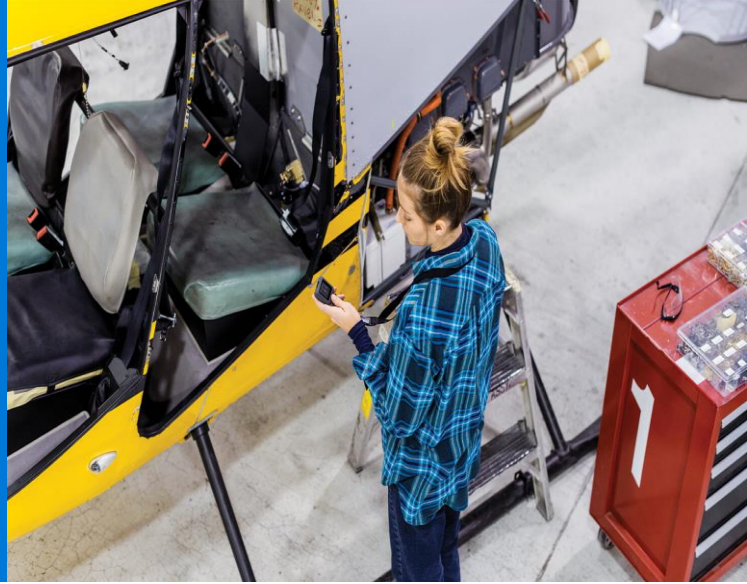# Windows for IoT

Build intelligent edge solutions with world-class developer tools, long-term support, and enterprise-grade security.

Build intelligent IoT devices

Empower your organization to build and run cutting-edge technology on a dependable, lasting Windows foundation. Harness the reliability of Windows and unlock the power of IoT. Quickly create, deploy, and scale IoT solutions on a trusted operating system with familiar development and management tools. Seamlessly connect devices to the cloud with Azure IoT, and tap into insights to deliver personalized experiences, drive deeper customer engagement, and improve business outcomes.
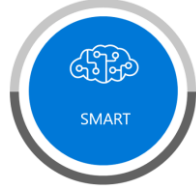
Designed to last

Ten years of lifecycle support to reduce device recertification, improve device viability, and diminish security risk.

PRODUCTIVE	TRUSTED	SMART
Accelerate time to market by starting your Windows for IoT project on the right path. Choose your development tools based on your organizational needs, resources, and objectives.	Create more secure IoT solutions that are built on a foundation of over 1 billion active Windows 10 devices. Protect your devices with enterprise-grade security built into Windows IoT Enterprise and deliver a predicable experience with device lockdown.	Simplify device-to-cloud connection with Azure IoT open cloud protocol support and an out-of-box experience. Enhance your solutions with AI at the edge using Windows and Azure machine learning to drive real business insight and create new business opportunities.

The Windows for IoT family

Windows 10 IoT Core
For small-footprint, lower-cost, smart devices with the manageability and security expected from Windows 10.

Windows 10 IoT Core Services
A set of services to build a sustainable business model. Commercialize a secure, managed IoT Core device with 10 years of support and device health attestation
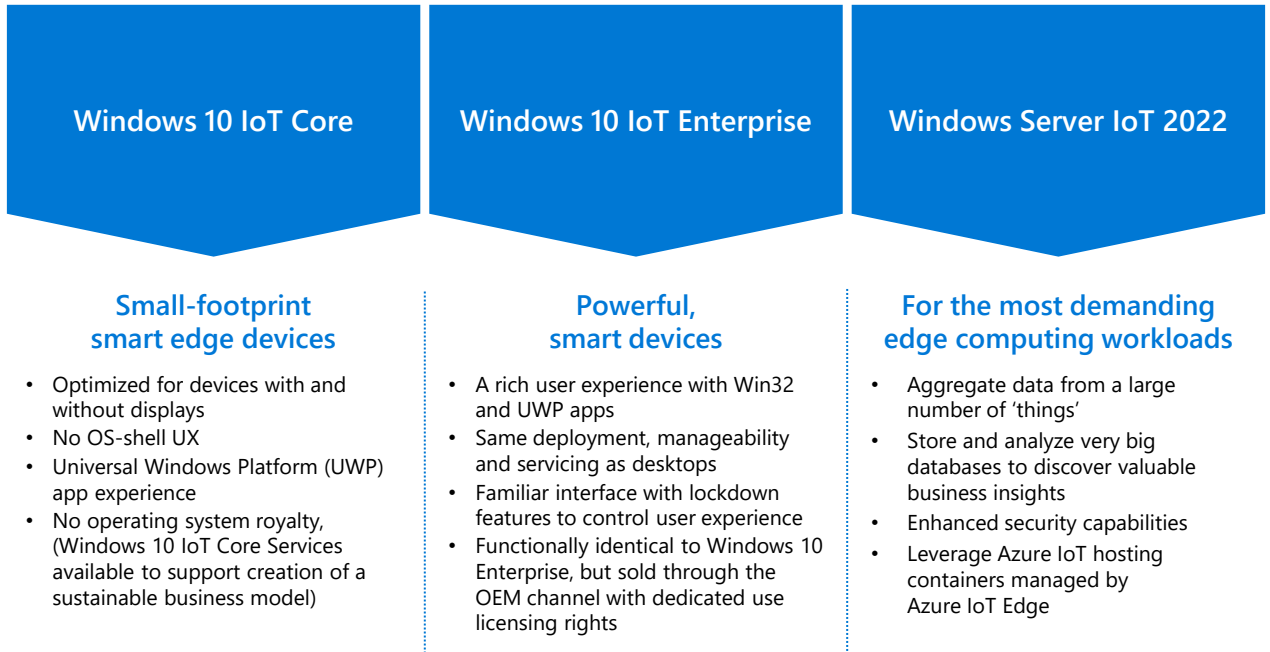
Windows for IoT Enterprise
Brings the full power of Windows to smart devices with enterprise manageability and security.

Windows Server IoT 2022
For your most demanding edge computing workloads with the features, security and resilience of Windows Server 2022
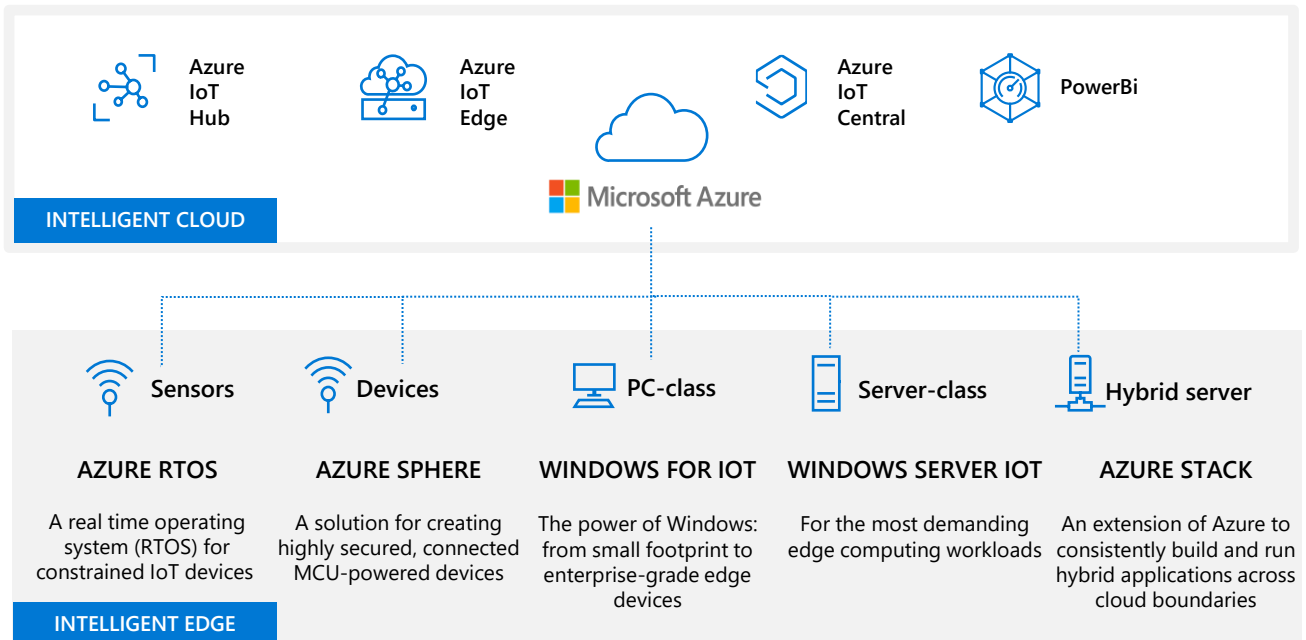
Windows for IoT family

10 Years of OS support, flexible management options & advanced security

Windows 10 IoT Core	Windows 10 IoT Enterprise	Windows Server IoT 2022

Small-footprint smart edge devices

- Optimized for devices with and without displays
- No OS-shell UX
- Universal Windows Platform (UWP) app experience
- No operating system royalty, (Windows 10 IoT Core Services available to support creation of a sustainable business model)

Powerful, smart devices

- A rich user experience with Win32 and UWP apps
- Same deployment, manageability and servicing as desktops
- Familiar interface with lockdown features to control user experience
- Functionally identical to Windows 10 Enterprise, but sold through the OEM channel with dedicated use licensing rights

For the most demanding edge computing workloads

- Aggregate data from a large number of 'things'
- Store and analyze very big databases to discover valuable business insights
- Enhanced security capabilities
- Leverage Azure IoT hosting containers managed by Azure IoT Edge

Azure IoT: Accelerating digital transformation

Azure IoT provides the industry's broadest portfolio of services and capabilities that meets you where you are, from the edge to the cloud, according to your needs and with the requirements from your industry.

Azure IoT Hub　　Azure IoT Edge　　Microsoft Azure　　Azure IoT Central　　PowerBi

INTELLIGENT CLOUD

Sensors　　Devices　　PC-class　　Server-class　　Hybrid server

AZURE RTOS	AZURE SPHERE	WINDOWS FOR IOT	WINDOWS SERVER IOT	AZURE STACK
A real time operating system (RTOS) for constrained IoT devices	A solution for creating highly secured, connected MCU-powered devices	The power of Windows: from small footprint to enterprise-grade edge devices	For the most demanding edge computing workloads	An extension of Azure to consistently build and run hybrid applications across cloud boundaries

INTELLIGENT EDGE

For details and ordering contact ASBIS Experts software@asbis.com

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