

What is Windows IoT Enterprise?

Windows IoT Enterprise is a full version of Windows Enterprise that delivers enterprise manageability and security to IoT solutions. Windows IoT Enterprise shares all the benefits of the worldwide Windows ecosystem. ([more....](#))

Windows IoT Enterprise LTSC is designed for specialty devices and use cases where functionality and features remain constant for the life of the device. These devices are typically found in industries including, but not limited to, banking, healthcare, hospitality, manufacturing and retail. Devices that require regulatory certification and devices that perform a critical business function can't accept feature updates for years at a time. ([more....](#))

Feature comparison

	Windows 10 Enterprise	Windows 10 IoT Enterprise
	Full functionality Windows operating system Support for traditional Win32 and Universal Windows Apps Built-in advanced Lockdown Features	Full functionality Windows operating system Support for traditional Win32 and Universal Windows Apps Built-in advanced Lockdown Features
License	Enterprise license	Entry/Value/High-End license to pair with the CPU.
Kiosk Mode (more....)	No	Yes
Soft Real-Time (more....)	No	Yes
Microsoft Store/Cortana	Yes	No
Windows Universal app (Outlook/Calendar/OneNote/ Weather/News/Sports/ Photos/Camera...)	Yes	No
OS update schedule	2 tmes/year	2~3 year one time
OS feature update	Yes	No

Windows 10 IoT Enterprise licensing

Microsoft Product key	CPU	Product		
Win10 IoT Enterprise LTSC Entry 1809	E3845	XP-9181-IoT XP-9381-IoT XP-9781-IoT		
Win10 IoT Enterprise LTSC Entry 21H2	E3845	XP-9181-IoT XP-9381-IoT XP-9781-IoT	iPPC-4801-IoT iPPC-6801-IoT iPPC-6831-IoT	
Win10 IoT Enterprise LTSC Entry 21H2	E3950	AXP-9191-IoT AXP-9391-IoT AXP-9791-IoT	iPPC-4901-IoT iPPC-6901-IoT iPPC-6931-IoT	EMP-9091-16 EMP-9091-32 EMP-9098-16 EMP-9098-32
Win10 IoT Enterprise LTSC Value 21H2	I5-8365UE	AXP-9051-IoT AXP-9251-IoT AXP-9651-IoT		EMP-9051-16 EMP-9051-32 EMP-9251-16 EMP-9251-32 EMP-9651-16 EMP-9651-32 EMP-9058-16 EMP-9058-32 EMP-9258-16 EMP-9258-32 EMP-9658-16 EMP-9658-32

Windows 10 IoT Enterprise PKEA (Product Key Application)

Single activation key (one-to-one key), each device has its own unique key, printed on the Certificate of Authenticity sticker, and affixed to the hardware casing.



Activation Key input method

Activation keys is pre-entered at the time of manufacture. If you need to restore the operating system, you can follow these steps to input the key.

