

Windows 10, 11 - overviews, comparison, features

Versions, target markets, support (as of June 2023)

version	target markets	supported CPU generation	launch	availability	current version	update model	security updates	support end	sales status	Microsoft-Link
Windows 10 IoT Enterprise LTSC 2015	Industry	Core-i: 4.Gen - 7.Gen	Jul 15	10 years after launch	1507	LTSC/LTSC Long Term Servicing Branch/Channel no versions updates	periodic deployment, optional installation	Okt 25	activ	https://learn.microsoft.com/en-us/lifecycle/products/windows-10-iot-enterprise-ltsc-2015
Windows 10 IoT Enterprise LTSC 2016		Atom: Bay Trail - Apollo Lake	Aug 16		1607			Okt 26		https://learn.microsoft.com/en-us/lifecycle/products/windows-10-iot-enterprise-ltsc-2016
Windows 10 IoT Enterprise LTSC 2019		Core-i: 4.Gen - 11.Gen Atom: Bay Trail - Apollo Lake	Nov 18		1809			Jan 29		https://learn.microsoft.com/en-us/lifecycle/products/windows-10-iot-enterprise-ltsc-2019
Windows 10 IoT Enterprise LTSC 2021		Core-i: 5.Gen - 11.Gen Atom: Bay Trail - Elkhart Lake	Nov 21		21H2			Jan 32		https://learn.microsoft.com/en-us/lifecycle/products/windows-10-iot-enterprise-ltsc-2021
Windows 11 IoT Enterprise LTSC 2024		tba	2H/2024		24H2			tba	expected	tba
Windows 10 Pro	Consumer	Core-i: 5.Gen - 12.Gen Atom: Bay Trail - Elkhart Lake	Jul 15	2 years after version launch, then upgrade option to next version (feature upgrade)	22H2	annual	periodic	Okt 25	EOL	https://learn.microsoft.com/en-us/lifecycle/products/windows-10-home-and-pro
Windows 11 Pro		Core-i: 7.Gen - 13.Gen Atom: Gemini Lake - Elkhart Lake	Okt 21						activ	https://learn.microsoft.com/en-us/lifecycle/products/windows-11-home-and-pro
Windows 10 IoT Enterprise	Extended Consumer	Core-i: 5.Gen - 12.Gen Atom: Bay Trail - Elkhart Lake	Jul 15	3 years after version launch, then upgrade option to next version (feature upgrade)	22H2	annual	periodic	Okt 25	activ	https://learn.microsoft.com/en-us/lifecycle/products/windows-10-iot-enterprise
Windows 11 IoT Enterprise		Core-i: 7.Gen - 13.Gen Atom: Gemini Lake - Elkhart Lake	Okt 21							https://learn.microsoft.com/en-us/lifecycle/products/windows-11-iot-enterprise
Windows 10 Enterprise LTSC 2019	Companies	Core-i: 4.Gen - 12.Gen Atom: Bay Trail - Apollo Lake	Nov 18	10 years after launch	1809	LTSC	periodic, optional	Jan 29	activ	https://learn.microsoft.com/en-us/lifecycle/products/windows-10-enterprise-ltsc-2019
Windows 10 Enterprise LTSC 2021		Core-i: 5.Gen - 12.Gen Atom: Bay Trail - Elkhart Lake	Nov 21	5 years after launch	21H2	LTSC		Jan 27	activ	https://learn.microsoft.com/en-us/lifecycle/products/windows-10-enterprise-ltsc-2021
Windows 11 Enterprise LTSC 2024		tba	tba	tba	LTSC	tba		expected	tba	

Versions, features (as of June 2023)

version	target markets	main advantages	special features	Application
Windows 10 IoT Enterprise LTSC 2015	Industry	<ul style="list-style-type: none"> • unchangeable version status frozen for 10 years • no feature updates, no version updates • optional security updates • attractive in price 	<ul style="list-style-type: none"> • no single sale, only in combination with associated hardware • license only allowed for industrial PC systems • Performance based (CPU) licensing • configurable embedded properties (Bit-Locker, App-Locker, write filter etc.) • also supports older (legacy) CPU generations 	<ul style="list-style-type: none"> • Industrial PC/Embedded-PC • Systems with fixed, unchangeable configuration
Windows 10 IoT Enterprise LTSC 2016				
Windows 10 IoT Enterprise LTSC 2019				
Windows 10 IoT Enterprise LTSC 2021				
Windows 11 IoT Enterprise LTSC 2024				
Windows 10 Pro	Consumer	<ul style="list-style-type: none"> • continuously, further developed version status • annual feature/version updates • periodic automated security updates • always up to date • pre-installed, consumer optimized applications 	<ul style="list-style-type: none"> • single sale and single licensing • supports only newer CPU generations 	<ul style="list-style-type: none"> • commercial use • private PC solutions • small businesses (SOHO)
Windows 11 Pro			<ul style="list-style-type: none"> • single sale and single licensing • supports only newest CPU generations 	
Windows 10 IoT Enterprise	Extended Consumer	<ul style="list-style-type: none"> • like Pro version, but with extended version availability • extended functionality (security, manageability) 	<ul style="list-style-type: none"> • single sale and single licensing • supports only newer CPU generations • configurable embedded properties (Bit-Locker, App-Locker, Write-Filter etc.) 	
Windows 11 IoT Enterprise			<ul style="list-style-type: none"> • single sale and single licensing • supports only newest CPU generations • configurable embedded properties (Bit-Locker, App-Locker, Write-Filter etc.) 	
Windows 10 Enterprise LTSC 2019	Companies		Enterprise Volume Licensing. Will not be offered by Spectra	
Windows 10 Enterprise LTSC 2021				
Windows 11 Enterprise LTSC 2024				