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Windows 10 IoT

Windows 10 IoT Enterprise



Windows 10 IoT Enterprise is a full version of Windows 10 that delivers enterprise manageability and security to IoT solutions. Windows 10 IoT Enterprise shares all the benefits of the world-wide Windows ecosystem. It is a binary equivalent to Windows 10 Enterprise, so you can use the same familiar development and management tools as client PCs and laptops. However, when it comes to licensing and distribution, the desktop version and IoT versions differ. Note that Windows 10 IoT Enterprise offers both Long-term Servicing Channel (LTSC) and Semi-Annual Channel (SAC) options.

The information contained in this document has been carefully researched and is, to the best of our knowledge, accurate. However, we assume no liability for any product failures or damages, immediate or consequential, resulting from the use of the information provided herein. Our products are not intended for use in systems in which failures of product could result in personal injury. All trademarks mentioned herein are property of their respective owners. All specifications are subject to change without notice.

EMBEDDED

<p>Embedded Boards</p> 	<p>Industrial Mainboards</p> 	<p>Embedded Systems</p> 	<p>Accessories & IoT</p> 
<p>2,5" Pico-ITX™ 3,5" Single Board Computer PC/104 Slot SBC Computer-on-Module</p>	<p>Mini-ITX™ Micro-ATX Flex-ATX ATX</p>	<p>Embedded Box PCs Embedded Panel PCs Embedded Server Embedded Desktop PCs Digital Signage Player Industrial Monitors</p>	<p>Gateways Switches Router Memory, CPUs Cables Power Supplies</p>

Available Features & Options:

Designed for Industrial Applications

Extended Temperature -40°C...+85°C

Design-in Support

Kits (Board with OS, Display & Cables)

Long-term Availability

Custom Design

Fixed Bill of Material

EOL / PCN Handling

WINDOWS 10 IOT LTSC

PRICING MODEL

The Pricing Model is now based on type and performance of processors. From Technical Point, there is no difference between the 3 licences:

Supported Processor	Entry Windows 10 IoT Enterprise	Value Windows 10 IoT Enterprise	High End Windows 10 IoT Enterprise
Intel®: <ul style="list-style-type: none"> Selected Pentium® (N Series, J Series) Selected Celeron® (N Series, J Series, G Series, 3000 Series) Rest of Atom™ VIA: All AMD® : R1xxx, E1, E2, E-350,A4, A6, A9, G-Series, V10xx-V12xx, Athlon™	☑	☑	☑
Intel®: <ul style="list-style-type: none"> Rest of Pentium® Rest of Celeron® Selected Atom™ (C2750, C2730, C2550, C2530, C2350, C3338, S1260, S1240, S1220) Core™ i3, Core™ i5, Core™ M Selected Xeon® (E3-1225, E3-1501M, E3-1501L, E-2124G) AMD®: Rest of RX-Series, A10, A8, Rest of FX Models, V13xx-V19xx, Ryzen™ 3, Ryzen™ 5 Qualcomm: SDM850		☑	☑
Intel®: Core® i7, Core® i9, Rest of Xeon® AMD®: SelectedFX models (FX 7500, FX 9370, FX 9590, FX 7600P), Ryzen™ 7 All other non-specified CPUs			☑

WINDOWS 10 IOT LTSC

AVAILABILITY AND EOL DATE

Windows 10 Versions	Date of availability	Mainstream support end date	Extended support end date
Windows 10 IoT Enterprise LTSC 2019	November 2018	January 2024	January 2029
Windows 10 IoT Enterprise 2016 LTSC	August 2016	October 2021	October 2026
Windows 10 IoT Enterprise 2015 LTSC	July 2015	October 2020	October 2025

Note: Not all features in an update will work on all devices. A device may not be able to receive updates if the device hardware is incompatible, lacks current drivers, or is otherwise outside the original equipment manufacturer's (OEM) support period.

DEFINITION OF SAC AND LTSC (FORTEC USES LTSC/LTSB)

FORMER CBB AND LTSB

- **LTSC - Long Term Servicing Channel, formerly LTSB: Long Term Servicing Branch**
Updates are available, but customer don't need to install them. For 10 years after release security updates and patches will be provided. **No new function updates, no Microsoft App store, no Edge and no Cortana.** Microsoft will designate a long term support rollup every 2-3 years.
- **Definition of SAC and LTSC (former CBB and LTSB)**
SAC - Semi Annual Channel, formerly CBB: Current Branch for Business
Licensing option for Windows 10 Pro, Enterprise and Education which must install product/feature updates twice a year and regularly security updates and patches at availability. New functions with a timely delay.
Important updates **must** be installed, can be handled by Enterprise IT.

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