

# Windows 11 IoT Enterprise

**FORTEC**  
GROUP



# WINDOWS IOT ENTERPRISE



## First steps

Contact us and benefit from our many years of expertise in the development of standard and customize Windows 11 IoT Enterprise, Windows 10 IoT Enterprise, Windows XP Embedded, Windows Embedded Standard 2009, Windows Embedded Standard 7 solutions.



## **Standard or customer-specific development of Windows IoT Enterprise**

FORTEC Integrated offers a great number of already existing Windows IoT Enterprise Images for PC boards and or systems of your suppliers. However, we are competent partners when it comes to customer-specific Windows 10/11 IoT Enterprise images.

# WINDOWS IOT ENTERPRISE

## WINDOWS 11 IOT ENTERPRISE / WINDOWS 10 IOT ENTERPRISE

Windows 11 IoT Enterprise / Windows 10 IoT Enterprise is a full version of Windows that delivers enterprise manageability and security to IoT solutions. Win IoT Enterprise shares all the benefits of the Windows ecosystem. It's binary equivalent to Win 11 or 10 Enterprise, so you can use the same development and management tools as for client PCs and laptops. However, when it comes to licensing and distribution, the desktop version and IoT versions differ. Win 11 or 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.

# WINDOWS IOT ENTERPRISE LTSC

## AVAILABILITY AND EOL DATE

Windows IoT Versions	Date of availability	Mainstream support end date	Extended support end date
Windows 11 IoT Enterprise LTSC 2024	2024	tbd.	2034
Windows 10 IoT Enterprise LTSC 2021	2020	2027	2032
<b>Windows 10 IoT Enterprise LTSC 2019</b>	2018	2023	2028
<b>Windows 10 IoT Enterprise 2016 LTSC</b>	2016	2021	2026
Windows 10 IoT Enterprise 2015 LTSC	2015	2020	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.

# WINDOWS 11 IOT ENTERPRISE LTSC

## MINIMUM REQUIREMENTS











Component	PREFERRED Minimum Requirements	OPTIONAL Minimum Requirements
Processor <sup>1</sup>	1 GHz, 2 Cores	1 GHz, 2 Cores
System Memory	4 GB	2 GB
Storage Size	64 GB	16 GB
Storage Type	Solid-State Drive (SSD)	Solid-State Drive (SSD) Hard Disk Drive (HDD) Hybrid Hard Drive (SSHD) Flash (eMMC, SD, USB)
System Firmware	UEFI	BIOS
TPM	TPM 2.0	Optional
Secure Boot	Enabled	Optional
DirectX	DirectX 12	DirectX 10 / None
Display	9" diagonal 720p HD	Custom Size / Optional

Further details on the minimum requirements: [https://learn.microsoft.com/de-de/windows/iot/iot-enterprise/Hardware/System\\_Requirements?tabs=Windows11LTSC](https://learn.microsoft.com/de-de/windows/iot/iot-enterprise/Hardware/System_Requirements?tabs=Windows11LTSC)

Supported Processor: [https://learn.microsoft.com/en-us/windows/iot/iot-enterprise/Hardware/processor\\_requirements](https://learn.microsoft.com/en-us/windows/iot/iot-enterprise/Hardware/processor_requirements)

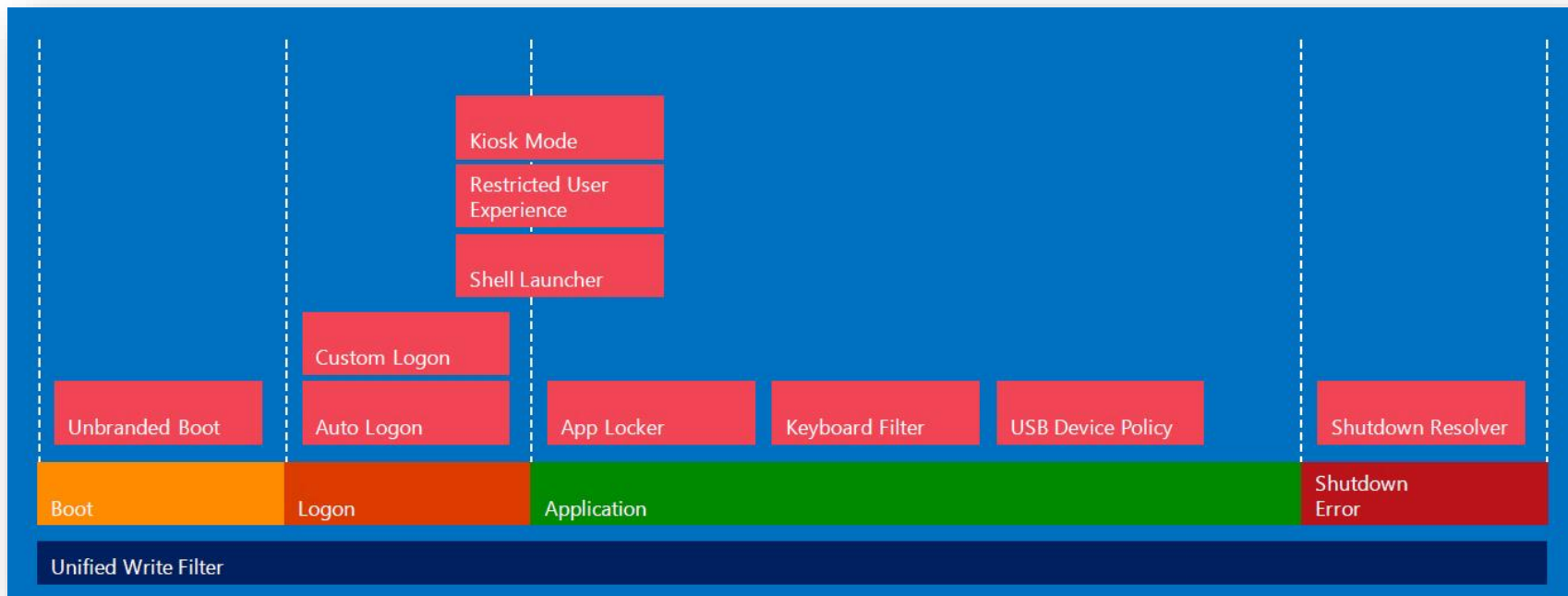
# WINDOWS 11 IOT ENTERPRISE LTSC 2024

## WHAT'S NEW?

	Windows 10 IoT Enterprise LTSC 2021 2032	Windows 11 IoT Enterprise LTSC 2024 2034
		
USB 4.0 Support	 Not Supported	 Supported
WiFi 6 Support	 Not Supported	 Supported
Minimum Display Size Requirements	 Minimum Size Requirement	 No Requirements
TPM Requirement	 optional but recommended	 optional but recommended

# WINDOWS 11 IOT ENTERPRISE LTSC 2024

## LOCKDOWN FEATURES - BRANDING



# WINDOWS 11 IOT ENTERPRISE LTSC 2024

## CYBER RESILLIENCE ACT AND TPM 2.0

### Cyber Resillience Act

- Defined EOL Dates
- Support and availability for 10 years after GA
- Compatibility to upcoming Windows 11 IoT Enterprise LTSC versions
  - Effectively extending lifespan of your solutions

### TPM 2.0

- Optional but recommended
- Important for possible export restrictions
- Updating older solutions





# PRICING MODEL

## WINDOWS 11/10 IOT ENTERPRISE LTSC

There are no changes to the pricing model for Windows 11 IoT Enterprise LTSC compared to Win 10 IoT. It is still based on the processor used in your hardware.

The pricing model is based on the type and performance of the processors used in your hardware. This means that the license costs are around one third for IPCs with Atom processors compared to systems with a Core i7 CPU or better. From Technical Point, there is no difference between the 3 licences:



# WINDOWS 11 IOT ENTERPRISE LTSC

## PRODUCTS



### Fortec BoxPC Pro NPA-2009 with Windows 11 IoT LTSC

- 11th Gen. Intel® Core™ i5-1145G7E Embedded CPU
- Innovative docking connector for eDP & V-by-One
- Fanless
- Tool-free maintenance and installation with thumb-screws
- Industrial Design for 24/7 use & Longtime availability
- Windows 10 IoT LTSC & Windows 11 IoT LTSC



### Nexcom Box PC Neu-X60 with Windows 11 IoT LTSC

- Cost Effective NUC replacement
- Built-in Intel Alder Lake N50 Prozessor
- Industrial Design for 24/7 use & Longtime availability
- Intel 2.5 GbE LAN
- Windows 10 IoT LTSC & Windows 11 IoT LTSC

# CONTACT FORTEC GROUP

## FORTEC GROUP

**FORTEC Elektronik AG** | Augsburgger Straße 2b | 82110 Germering  
+49 89 894450-0  
[info@fortecag.de](mailto:info@fortecag.de) | [www.fortecag.de](http://www.fortecag.de)

## FORTEC INTEGRATED

**FORTEC Integrated GmbH** | Augsburgger Straße 2b | 82110 Germering  
+49 89 894363-0  
[info@fortec-integrated.de](mailto:info@fortec-integrated.de) | [www.fortec-integrated.de](http://www.fortec-integrated.de)

## FORTEC EGYPT

**FORTEC Electronic Design and Solutions Egypt SMLC** | Linx Business Park | Unit B318  
Smart Village | Giza Governorate  
+49 89 894363-0  
[info@fortec-integrated.de](mailto:info@fortec-integrated.de) | [www.fortec-integrated.de](http://www.fortec-integrated.de)

## FORTEC POWER

**FORTEC Power GmbH** | Lise-Meitner-Straße 3 | 64560 Riedstadt  
+49 6158 8285-0  
[weborder@fortec-power.de](mailto:weborder@fortec-power.de) | [www.fortec-power.de](http://www.fortec-power.de)

**Autronic Steuer- und Regeltechnik GmbH** | Siemensstraße 17 | 74343 Sachsenheim  
+49 7147 24-0  
[vertrieb@autronic.de](mailto:vertrieb@autronic.de) | [www.autronic.de](http://www.autronic.de)

## FORTEC CZECH REPUBLIC

**FORTEC Czech Republic s.r.o.** | Přátelství 275 | 330 02 Dýšina  
+49 89 894363-0  
[info@fortec.cz](mailto:info@fortec.cz) | [www.fortec.cz](http://www.fortec.cz)

## FORTEC SWITZERLAND

**FORTEC Switzerland AG** | Bahnhofstraße 3 | 5436 Würenlos  
+41 44 7446111  
[info@fortec.ch](mailto:info@fortec.ch) | [www.fortec.ch](http://www.fortec.ch)

## FORTEC UNITED KINGDOM

**FORTEC Technology UK Ltd.** | Osprey House | 1 Osprey Court | Hinchbrook  
Business Park | Huntingdon | Cambridgeshire | PE29 6FN  
+44 1480 411600  
[info@fortec.uk](mailto:info@fortec.uk) | [www.fortec.uk](http://www.fortec.uk)

## FORTEC UNITED STATES

**FORTEC US, Corp.** | 87 Raynor Avenue Unit 1 | Ronkonkoma NY | 11779  
+1 631 5804360  
[info@fortec.us](mailto:info@fortec.us) | [www.fortec.us](http://www.fortec.us)