Windows 11 IoT Enterprise LTSC 2024 Datasheet

Windows 11 IoT Enterprise LTSC 2024 delivers long-term stability without sacrificing modern security, reliability, and performance. As the most significant LTSC release since Windows 10 IoT Enterprise LTSC 2021, it builds on a familiar foundation, protecting your existing investments in update and device management tools, while maintaining full application compatibility.

Comparing Windows 11 and 10 IoT Enterprise LTSC Versions

FEATURES BY IoT EDITION	WINDOWS 11 IoT ENTERPRISE LTSC 2024	WINDOWS 10 IoT ENTERPRISE LTSC 2021	WINDOWS 10 IoT ENTERPRISE LTSC 2019
Servicing Channel	10 Years	10 Years	10 Years
Browser Support	Edge	Edge	IE11 and Edge
Multi-App Kiosk Mode	Restricted User Experience (New Name)	Available	Available
Reduced OS Footprint	36 Removable Packages	20 Removable Packages	Available Limited
Wi-Fi 6e	Available	Not Available	Not Available
USB 4.0 (Inbox)	Available	Not Available	Not Available
New Modern UI	Available	Not Available	Not Available
Requires TPM & Secure Boot	Optional	Not Required	Not Required
ARM64	Qualcomm Processors and NXP i.MX9 Family	Available for NXP i.MX8 Family	Available on GAC
Soft Real-Time	Not Available	Available	Not Available
Unified Write Filter Updates	Available	Available	Not Available
Dual Operator Mode	Not Available	Available	Not Available
Co-Pilot AI	Not Available	Not Available	Not Available
Device Update Center (DUC)	Available	Available	Not Available

Windows 11 IoT Parts List

EOL	EOS	PART#	WINDOWS 11 IoT ENTERPRISE LTSC 2024	COA TYPE
			WIN 11 IoT Enterprise LTSC 2024 (ePKEA) Single Key (No Key on COA)	
06/30/34	10/10/34	EP2-07320-1P	Win 11 IoT Enterprise LTSC 2024 ESD OEI High End EPKEA	JADE
06/30/34	10/10/34	EP2-07324-1P	Win 11 IoT Enterprise LTSC 2024 ESD OEI Value EPKEA	JADE
06/30/34	10/10/34	EP2-07328-1P	Win 11 IoT Enterprise LTSC 2024 ESD OEI Entry EPKEA	JADE
			WIN 11 IoT Enterprise LTSC 2024 (PKEA) Key on COA	
06/30/34	10/10/34	EP2-07318-1P	Win 11 IoT Enterprise LTSC 2024 ESD OEI High End	K-SERIES
06/30/34	10/10/34	EP2-07322-1P	Win 11 IoT Enterprise LTSC 2024 ESD OEI Value	K-SERIES
06/30/34	10/10/34	EP2-07326-1P	Win 11 IoT Enterprise LTSC 2024 ESD OEI Entry	K-SERIES
			WIN 11 IoT Enterprise LTSC 2024 (ePKEA) Field Upgrades	
06/30/34	10/10/34	EP2-07332-1P	Win 11 IoT Enterprise LTSC 2024 ESD OEI Upgrade High End EPKEA	JADE
06/30/34	10/10/34	EP2-07336-1P	Win 11 IoT Enterprise LTSC 2024 ESD OEI Upgrade Value EPKEA	JADE
06/30/34	10/10/34	EP2-07340-1P	Win 11 IoT Enterprise LTSC 2024 ESD OEI Upgrade Entry EPKEA	JADE
			WIN 11 IoT Enterprise LTSC 2024 (PKEA) Field Upgrades	
06/30/34	10/10/34	EP2-07330-1P	Win 11 IoT Enterprise LTSC 2024 ESD OEI Upgrade High End	K-SERIES
06/30/34	10/10/34	EP2-07334-1P	Win 11 IoT Enterprise LTSC 2024 ESD OEI Upgrade Value	K-SERIES
06/30/34	10/10/34	EP2-07338-1P	Win 11 IoT Enterprise LTSC 2024 ESD OEI Upgrade Entry	K-SERIES
			WIN 11 IoT Enterprise LTSC 2024 ARM (ePKEA)	
06/30/34	10/10/34	EP2-07321-1P	Win 11 IoT Enterprise LTSC 2024 ESD OEI High End EPKEA Arm64	JADE
06/30/34	10/10/34	EP2-07325-1P	Win 11 IoT Enterprise LTSC 2024 ESD OEI Value EPKEA Arm64	JADE
06/30/34	10/10/34	EP2-07329-1P	Win 11 IoT Enterprise LTSC 2024 ESD OEI Entry EPKEA Arm64	JADE
06/30/34	10/10/34	EP2-07344-1P	Win 11 IoT Enterprise LTSC 2024 ESD OEI Base EPKEA Arm64	JADE
			WIN 11 IoT Enterprise LTSC 2024 ARM (PKEA)	
06/30/34	10/10/34	EP2-07319-1P	Win 11 IoT Enterprise LTSC 2024 ESD OEI High End Arm64	K-SERIES
06/30/34	10/10/34	EP2-07323-1P	Win 11 IoT Enterprise LTSC 2024 ESD OEI Value Arm64	K-SERIES
06/30/34	10/10/34	EP2-07327-1P	Win 11 IoT Enterprise LTSC 2024 ESD OEI Entry Arm64	K-SERIES
06/30/34	10/10/34	EP2-07343-1P	Win 11 IoT Enterprise LTSC 2024 ESD OEI Base Arm64	K-SERIES
			WIN 11 IoT Enterprise LTSC 2024 (ARM) Field Upgrades	
06/30/34	10/10/34	EP2-07569-1P	Win 11 IoT Enterprise LTSC 2024 ESD OEI Upgrade Base Arm64	K-SERIES
06/30/34	10/10/34	EP2-07570-1P	Win 11 IoT Enterprise LTSC 2024 ESD OEI Upgrade Base EPKEA Arm64	JADE
			Win 11 IoT Enterprise LTSC 2024 Virtualization (PKEA Only) (No amendment)	
06/30/34	10/10/34	EP2-07342-1P	Win 11 IoT Enterprise LTSC 2024 ESD OEI (Virtualization Only)	K-SERIES

Latest releases & top recommended highlighted in blue.

Certificate of Authenticity (COA) Details

Jade COA license sticker description:

- Jade COA is used on ePKEA client products
- It is 22.23 mm X 8.74 mm in size and no product key included
- ePKEA single product key must be requested separately



ePKEA - Jade COA license sticker

K Series PC COA (K-PCCoA) license sticker description:

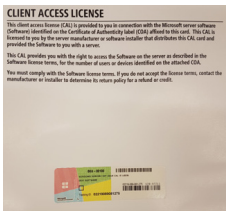
- K-Series COA is used on PKEA Client, Server and SQL products
- K-Series COA starts shipping 3/5/2024 and replaces the J-Series COA
- It is 70 mm x 21 mm in size and has a scratch off protective area over the “Entire” Key
- Every COA license includes a unique 25-digit key
- K-Series COA launched 3/5/2024



PKEA - K Series PC COA license sticker

CAL - Client Access License is a COA Card

- CAL’s are COA’s placed on a card and must be maintained for records



CAL COA Card

Additional Resources

- Windows 11 IoT LTSC 2024 Web Page
- Windows IoT Operating Systems Roadmap and Support Schedule
- Windows IoT Full Parts List
- Windows 11 IoT Enterprise Licensing Guide

Microsoft

Via Email
WindowsIoT@arrow.com

Online
arrow.com/WinIoT

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