



Windows 11 IoT Enterprise

Processor Compatibility Guide

Rugged Embedded. Rugged Edge. Rugged Displays

Q2 2024 4/01/2024 Rev 1





Windows IoT Enterprise

For special-purpose devices that require the latest functionality provided through an annual feature update release cadence.

Modern Support Lifecycle

- 36-month support lifecycle
- Lifecycle restarts with each annual upgrade
- Monthly security and non-security updates
- Annual release available via Windows Update
- Continuous Innovation Updates (CIU) disabled by default
- Controlled Feature Rollout (CFR) settings to enable CIU

Minimum requirements:

Windows 10

- 1 GHz X64 / Arm64 CPU
- 2 GB Memory
- 20 GB Storage
- UEFI Firmware
- TPM (optional)
- DirectX 9+ Graphics

Windows 11

- 1 GHz X64 w/2 cores CPU
- 4 GB Memory
- 64 GB Storage
- UEFI Firmware
- TPM 2.0
- DirectX 12+ Graphics

Latest Release

Windows 10 IoT Enterprise 22H2

Windows 11 IoT Enterprise 22H2

Windows IoT Enterprise LTSC

For special-purpose devices that require the latest functionality provided through an annual feature update release cadence.

Note: New Windows releases needed to support new processor generations

Fixed Support Lifecycle

- 10-year support lifecycle
- Lifecycle is fixed (new license required)
- Monthly security and non-security updates
- New releases expected every 3 years
- No feature updates

Minimum requirements:

Windows 10

- 1 GHz X64 / Arm64 CPU
- 2 GB Memory
- 20 GB Storage
- UEFI Firmware
- TPM (optional)
- DirectX 9+ Graphics

Windows 11

Not Available until 2H
June 2024

Latest Release

Windows 10 IoT Enterprise LTSC 2021

Windows 11 IoT – Processor Compatibility

Supported Processor	Premio Product Model	Suggested Windows 11 IoT Version
Intel® Celeron J6413 Intel Atom® x6425E Processor	BCO-1000-EHL	P/N: PSESOF014 OS,Windows 11 IoT Enterprise, 22H2 Version, Entry (Non-LTSC)
	RCO-1000-EHL	
	WCO-3000-EHL	
	VIO-PC100-EHL	
Intel® i7-8665UE Intel® i5-8365UE	CT-DWL01	P/N: PSESOF014 OS,Windows 11 IoT Enterprise, 22H2 Version, Entry (Non-LTSC) P/N: PSESOF012 OS,Windows 11 IoT Enterprise, 22H2 Version, Value (Non-LTSC)
	SIO-8365UE	
	BCO-2000-WHL-U	
Intel® Celeron 4305UE	CT-DWL01-4305UE	P/N: PSESOF014 OS,Windows 11 IoT Enterprise, 22H2 Version, Entry (Non-LTSC) P/N: PSESOF012 OS,Windows 11 IoT Enterprise, 22H2 Version, Value (Non-LTSC)
Intel® N97	CT-DAL01-N97	
Intel® i3-N305	CT-DAL01-i3-N305	
Intel® i7-9700E / 9700TE Intel® i5-9500E / 9500TE Intel® i3-9100E / 9100TE / 8100T	CT-MCL01-MB Micro ATX	P/N: PSESOF012 OS,Windows 11 IoT Enterprise, 22H2 Version, Value (Non-LTSC) P/N: PSESOF015 OS,Windows 11 IoT Enterprise, 22H2 Version, High End (Non-LTSC)
	VCO-6000-CFL	
	RCO-6000-CFL RCO-3000-CFL	
	KCO-2000-CFL KCO-3000-CFL	
Intel® i3-13100TE Intel® i5-13500TE Intel® i7-13700TE Intel® i9-13900TE	VCO-6000-RPL	P/N: PSESOF012 OS,Windows 11 IoT Enterprise, 22H2 Version, Value (Non-LTSC) P/N: PSESOF015 OS,Windows 11 IoT Enterprise, 22H2 Version, High End (Non-LTSC)
	RCO-6000-RPL	
	KCO-2000-RPL KCO-3000-RPL	
	CT-MRL01 Micro ATX	
Intel® XEON W-1290TE Intel® i5-10500TE Intel® i7-10700TE Intel® i9-10900TE	RCO-6000-CML RCO-3000-CML ACO-6000-CML	P/N: PSESOF012 OS,Windows 11 IoT Enterprise, 22H2 Version, Value (Non-LTSC) P/N: PSESOF015 OS,Windows 11 IoT Enterprise, 22H2 Version, High End (Non-LTSC)



Learn More:

<https://premioinc.com/blogs/blog/what-is-windows-11-enterprise-iot-itsc>

Processor Compatibility Guide

Rugged Embedded. Rugged Edge. Rugged Displays

Q2 2024 4/01/2024 Rev 1



Questions?

Contact us sales@premioinc.com

