

Clover devices ↕

Clover devices

- United States
- Canada
- Europe
- Latin America

Our point of sale (POS) software runs on custom hardware for the best merchant experience. Developers can publish apps through the [Clover App Market](#). Most Android applications run unmodified unless the app depends on Google services not available in the Android Open Source Project (AOSP).

 **NOTE**

Clover devices are not Google Play certified and do not come with Google Play Services.

The following table displays Clover devices, the Clover-hardened Android versions running on the devices, and the countries where the devices are currently available.

Clover Device	Clover-hardened Android Version	US	CA	UK/IE	DE/AT	NL	AR
Station Solo	AOSP 10.0 (API Level 29, Q)	✓					
Station Solo (international)	AOSP 10.0 (API Level 29, Q)		✓	✓			
Station Duo 2	AOSP 10.0 (API Level 29, Q)	✓	✓				
Station Duo (previously Station Pro)	AOSP 8.1.0 (API Level 27, Oreo) is upgradable to AOSP 10.0 (API Level 29)	✓	✓	✓			
Station 2018	AOSP 7.0.0 (API Level 25, Nougat)	✓					
Station	AOSP 4.2.2 (API Level 17, Jelly Bean)	✓		✓			

Clover Device	Clover-hardened Android Version	US	CA	UK/IE	DE/AT	NL	AR
Mini 3 (LTE & Wi-Fi only models)	AOSP 10.0 (API Level 29)	✓	✓	✓			✓
Mini 2 (LTE & Wi-Fi only models)	AOSP 8.1.0 (API Level 27, Oreo) is upgradable to AOSP 10.0 (API Level 29)	✓	✓	✓		✓	✓
Mini	AOSP 4.4 (API Level 19, KitKat)	✓		✓	✓		✓
Flex 3	AOSP 10.0 (API Level 29)	✓	✓	✓			✓
Flex 2 (LTE & Wi-Fi only models)	AOSP 8.1.0 (API Level 27, Oreo) is upgradable to AOSP 10.0 (API Level 29)	✓	✓	✓		✓	✓
Flex	AOSP 5.1.1 (API Level 22, Lollipop)	✓	✓	✓	✓		✓
Mobile	AOSP 4.4 (API Level 19, KitKat)	✓					
Clover Go		✓					

Key

✓ devices supported in a specified region:

- North America—Canada (CA), United States (US)
- Europe—Austria (AT), Germany (DE), Ireland (IR), Netherlands (NL), United Kingdom (UK)
- Latin America—Argentina (AR)

Clover Station Solo



Specifications:

- Clover-hardened version of Android (AOSP) 10.0 (API Level 29, Q)
- Qualcomm® Snapdragon™ 660 octa-core processor
- Memory: 2-GB RAM, 16-GB Flash
- Ethernet, Wi-Fi, and 4G LTE connectivity
- Camera: 5 MP for 1D and 2D barcode scanning
- Hub with four USB device ports and two RJ11 cash drawer ports
- 12-V charging port for a Clover Flex
- Display: Tilttable 14.0", 1920x1080 TVDPI (160ppi) LCD
- Audio: Internal speaker and microphone
- Fingerprint reader
- EMV chip card reader and MSR reader

[More about Clover Station Solo](#)

Clover Station Solo (international)



Specifications:

- Clover-hardened version of Android (AOSP) 10.0
- Qualcomm® Snapdragon™ 660 octa-core processor
- Memory: 2-GB RAM, 16-GB Flash
- Ethernet, Wi-Fi, and 4G LTE connectivity
- Camera: 5 MP for 1D and 2D barcode scanning
- Hub with four USB device ports and two RJ11 cash drawer ports
- 12 Volt charging port with cable for a Clover Flex (Flex and Flex Cradle are sold separately)
- Display: Tilttable 14.0", 1920x1080
- Audio: Internal speaker and microphone and 3.5mm stereo audio jack with microphone input
- Fingerprint reader
- MSR reader for merchant and employee login

Clover Station Duo 2



NOTE

For more information about Clover Station Duo 2, refer to [Build apps for Clover Station Duo 2](#).

Specifications:

- Clover hardened version of Android (AOSP) 10.0 (API Level 29, Q)
- Qualcomm® Snapdragon 660 octa-core processor (4 cores up to 1.8GHz and 4 cores up to 2.2GHz)
- Memory—2 GB RAM
- Storage—16 GB
- North America and Europe (C043E)*—Ethernet, WiFi, and 4G/LTE
- Merchant-facing screen—14.0" IPS FHD display
- Customer-facing screen—8.0" IPS HD display
- Employee login method—Employee passcode
- Camera/scanning
 - Dual cameras—5.0M pixels
 - Supports 1D/2D with advanced Zebra scanning software
- Audio/microphone
 - Internal dynamic speaker
 - Separate speakers on both the terminal and display
 - Single microphone input
 - 3.5 mm stereo audio jack located in the terminal

- Physical volume buttons on the customer-facing device and through the user interface
- Accessibility features
 - Volume control
 - Voice assistant
 - Stylus pen option
 - Headphones connection ability
 - Display—High contrast, font, and brightness adjustment
 - Sound detector (for microphone)
 - Universal switch
 - Tactile PIN entry option
- Accessories for purchase—Mini PIN shield, Mini PIN Entry Aid, cash drawer

Clover Station Duo (previously Station Pro)



NOTE

For more information about Clover Station Duo, refer to [Build apps for Clover Station Duo](#).

Specifications:

- Clover-hardened version of Android (AOSP) 8.1 (API Level 27, Oreo) upgradable to Android (AOSP) 10.0 (API Level 29)
- Qualcomm® Snapdragon™ 660 octa-core processor
- Memory: 2-GB RAM, 16-GB Flash
- Ethernet, Wi-Fi, and 4G/LTE
- Camera: 5 MP on both displays for 1D and 2D barcode scanning
- Hub with four USB device ports and two RJ12 cash drawer ports

- Merchant-facing:
 - Display: 14.0", 1920x1080 TVDPI (160ppi)
 - Audio: Speaker and microphone
- Customer-facing:
 - Display: 7.0" 1280x800 TVDPI (213ppi)
 - Terminal: EMV chip card reader, NFC reader, and MSR reader
 - Audio: 3.5-mm audio jack (with L/R output and mic input), speaker, and microphone

[More about Clover Station Duo](#)

Clover Station (2018)



Specifications:

- Qualcomm® Snapdragon™ 810 octa-core CPU
- Memory: 3-GB RAM, 16-GB Flash
- Hardened ROM based on Android (AOSP) 7.0.0 (API Level 24, Nougat)
- 14" tablet with a 1920x1080 TVDPI display (160ppi)
- EMV chip card and MSR readers
- Two printer options:
 - Standard thermal receipt printer
 - Thermal receipt printer with 4.3" customer-facing display and NFC reader

- The device rotates between a merchant-facing position and a customer-facing position. The merchant-facing position is landscape, and the customer-facing position is portrait.
- Front-facing camera for scanning 1D and 2D barcodes in either orientation
- Ethernet, Wi-Fi
- Fingerprint reader
- Up to four hours of integrated battery life for the tablet
- 3.5-mm audio jack (with L/R output and mic input), speaker, and microphone
- Hub with four USB device ports and two RJ12 cash drawer ports
- Support for existing USB peripherals, including [Clover Mini](#) and [FD40 PIN Debit Pad](#)

[More about Clover Station \(2018\)](#)

Clover Station

Clover Station is a fixed-location device.



Specifications:

- Clover hardened version of Android (AOSP) 4.2.2 (API Level 17, Jelly Bean)
- Quad-core Tegra 3 SoC
- Memory: 1-GB RAM, 8-GB Flash
- 11.6", 1366x768 MDPI display (160dpi)

- Rotates between a merchant-facing position and a customer-facing position. The merchant-facing position is landscape, and the customer-facing position is portrait.
- Rear camera for scanning 1D and 2D barcodes
- Hub with four USB device ports and one RJ12 cash drawer port
- Ethernet, Wi-Fi
- Magnetic stripe card reader. Non-financial cards cannot be read.
- Thermal receipt printer
- 3.5-mm audio jack (with L/R output and mic input), speaker
- Does not contain a microphone

[More about Clover Station \(2018\)](#)

Clover Mini 3



Specifications:

- Clover-hardened version of Androids 10.0 (API Level 29)
- Qualcomm® Snapdragon™ octa-core processor
- Memory: 2-GB RAM, 16-GB Flash
- Dimensions: 8", 1280x800
- EMV chip card reader, NFC reader, and MSR reader

- Two USB host ports (type A), one USB port (type B) device, and one RJ12 port
- Front-facing camera for 1D and 2D barcode scanning
- Ethernet, Wi-Fi, 4G/LTE
- Internal thermal receipt printer
- 3.5-mm audio jack (with L/R output and mic input), speaker, and microphone

[More about Clover Mini](#)

Clover Mini 2



NOTE

The Clover Mini 2 is a countertop device that can be used as a complete POS or in a customer-facing mode and is designed with enhanced functionality for improved performance. For more information, refer to [Build apps for Clover Station Duo](#).

Specifications

- Clover hardened version of Android (AOSP) 8.1.0 (API Level 27, Oreo) upgradable to Android (AOSP) 10.0 (API Level 29)
- Qualcomm® Snapdragon™ 660 octa-core processor
- Memory: 2-GB RAM, 16-GB Flash
- 7", 1280x800 TVDPI display (213ppi)
- EMV chip card reader, NFC reader, and MSR reader

- Hub with four USB device ports and one RJ12 cash drawer port
 - Front-facing camera for 1D and 2D barcode scanning
 - Ethernet, Wi-Fi, 4G/LTE
 - Internal thermal receipt printer
 - 3.5-mm audio jack (with L/R output and mic input), speaker, and microphone
- [More about Clover Mini](#)

Clover Mini 1



Unlike the Clover Mini 2, the Mini 1 is only a countertop device.

Specifications:

- Clover hardened version of Android (AOSP) 4.4 (API Level 19, KitKat)
- Tegra 4 quad-core CPU
- Memory: 2-GB RAM, 8-GB Flash
- 7", 1280x800 TVDPI display (213ppi)
- Merchant-facing and customer-facing modes (both in landscape layout)
- EMV chip card reader, NFC reader, MSR reader
- Hub with four USB device ports and one RJ12 cash drawer port
- Front-facing camera for 1D and 2D barcode scanning
- Ethernet, Wi-Fi, and optional 3G
- Internal thermal receipt printer

- 3.5-mm audio jack (with L/R output and mic input), speaker and microphone

[More about Clover Mini](#)

Clover Flex 3



Specifications:

- Clover hardened version of Android (AOSP) 10 (API Level 29)
- Qualcomm Snapdragon 660 octa-core processor
- Memory: 2-GB RAM, 16-GB Flash
- 5.99", 720×1440 XHDPI display
- EMV chip card reader, NFC reader, and MSR reader
- 5MP camera
- 1D and 2D barcode scanner with a dedicated external button for barcode.
- Wi-Fi, 4G/LTE
- Cellular data
 - North America (C045U)—4G/LTE only
 - Europe (C045E)—4G/LTE fallback support for 3G
 - Argentina (C045L)—4G/LTE fallback support for 3G
- Internal thermal receipt printer
- 3.5-mm audio jack (with L/R output and mic input), speaker, and microphone

Clover Flex 2



Specifications:

- Clover hardened version of Android (AOSP) 8.1 (API Level 27, Oreo) upgradable to Android (AOSP) 10.0 (API Level 29)
- Qualcomm Snapdragon 660 octa-core processor
- Memory: 2-GB RAM, 16-GB Flash
- 5", 720×1280 XHDPI display (320ppi)
- Merchant-facing and customer-facing modes (both in portrait layout)
- EMV chip card reader, NFC reader, and MSR reader
- Built-in 5MP camera for 1D and 2D trigger-activated barcode scanner with a dedicated external button for barcode. The camera is forward-looking with a landscape orientation.
- Wi-Fi, 4G/LTE
- North America (C043U): 4G/LTE only; Europe (C043E): 4G/LTE only; Argentina (C043L): 3G with 2G fallback
- Fingerprint reader
- Internal thermal receipt printer
- 3.5-mm audio jack (with L/R output and mic input), speaker, and microphone

[More about Clover Flex 2](#)

Clover Flex

clover



SALE
\$52.53



NON-CHIP CHIP

Gift Card

VISA AMEX DISC M/C Apple Pay Samsung Pay





Specifications:

- Qualcomm Snapdragon 400 quad-core CPU
- Memory: 1-GB RAM, 8-GB Flash
- Clover's hardened version of Android (AOSP) 5.1.1 (API Level 22, Lollipop)
- 5", 720×1280 XHDPI display (320ppi)
- Merchant-facing and customer-facing modes (both in portrait layout)
- EMV chip card reader, NFC reader, and MSR reader
- On-screen PIN entry (with a solution for the visually impaired)
- Built-in camera for 1D and 2D trigger-activated barcode scanner. The camera is forward-looking with a landscape orientation
- Wi-Fi and 3G (robust applications will assume partial connectivity)
- Internal thermal receipt printer
- 3.5-mm audio jack (with L/R output and mic input), speaker, and microphone

[More about Clover Flex](#)

Clover Mobile



Clover Mobile is a mobile device for on-the-go payment processing.

Specifications:

- Clover's hardened version of Android (AOSP) 4.4 (API Level 19, KitKat)
- Tegra 4 quad-core CPU
- Memory: 2-GB RAM, 8-GB Flash
- 7", 1280x800 TVDPI display (213ppi)
- EMV chip card reader, NFC reader, MSR reader
- Trigger-activated 1D and 2D barcode scanner
- Front facing camera
- Wi-Fi, Bluetooth, and optional 3G
- Optional charging dock
- Optional Bluetooth thermal receipt printer
- 3.5-mm audio jack (with L/R output and mic input), speaker, and microphone
- 5140 mAh battery

Printers

Merchants may use the following devices with Clover:

Printer type	Paper width	Paper length	Pixel width
Clover Station Duo Printer	3 1/8 in	230 ft	576 px
Clover Station (2018) Printer	3 1/8 in	230 ft	576 px
Clover Station Printer	3 1/8 in	230 ft	576 px
Clover Mini Internal Printer	2 1/4 in	85 ft	384 px
Clover Flex Internal Printer	2 1/4 in	50 ft	384 px
Clover Mobile Printer	2 1/4 in	85 ft	384 px
Star Micronics SP742ML Kitchen Printer	3 in	100 - 165 ft	N/A

For more details about the non-integrated printers, see the [Clover accessories page](#).

Clover device-specific storage guidelines

To manage your Clover device for optimal performance and lifespan, follow the guidelines in each device model.

- [Flex](#)

- [Mini](#)
- [Station Solo](#)
- [Station Duo](#)
- [Station 2](#)

 Updated 2 months ago

[← Clover data model](#)

[Use Clover Developer Kits \(Dev Kits\) →](#)

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