



Clover Mini 3

July 2022

What is Clover Mini 3?

- ❖ Clover Mini 3 is a compact countertop smart POS (now with an 8" screen) that will launch in August 2022
- ❖ Clover Mini 3 is well-suited for a variety of verticals and segments, including services, retail, and some restaurants
- ❖ **Clover Mini 3 can only be tethered to another Clover Mini 3**
 - ❖ **Mini 3 will not tether to prior generation Mini devices, nor any Station devices**
- ❖ Clover Mini 3 supports EMV, NFC, and swipe payments
- ❖ Supports WiFi, LAN, and LTE connection
- ❖ Includes a receipt printer, tactile volume controls, and a headset port
- ❖ Clover Mini 3 will debut the new payment flow UI



Mini 3 replaces Mini 2

	Mini 2	Mini 3
Clover OS	Android 8 / 10	Android 10
PCI PTS	PCI PTS 5.X	PCI PTS 6.X
Payments	- Magnetic Stripe - 3 track -500K swipes - bi-directional - Chip Card - ISO 7816 500K inserts - Contactless - EMVCo L1, L2 contact and contactless (Including NFC)	- Magnetic Stripe - 3 track -500K swipes - bi-directional - Chip Card - ISO 7816 500K inserts - Contactless - EMVCo L1, L2 contact and contactless (Including NFC)
Display	7" display 1280 x 800 pixels	8" display 1280 x 800 pixels
Dimensions	9.9 cm x 20.3cm x 16.6cm	10.7 cm x 21cm x 17cm
Printer	High Speed Thermal Printer/ 2.25" Printer Roll Width and up to 50mm (2") diameter rolls	High Speed Thermal Printer/ 2.25" Printer Roll Width and up to 50mm (2") diameter rolls
Scanner	1D/2D barcode scanning	1D/2D barcode scanning via camera
Ports	4 USB type A ports - 1A total per stack - Cash drawer port - USB type B port- For connection to Clover and other supported POS Systems - Ethernet port	2 USB type A ports - 1A per port - Cash drawer port - USB type B port- For connection to Clover and other supported POS Systems - Ethernet port
Camera	5.0M Pixel (top right)	5.0M Pixel (top center) w/privacy LED indicator

Mini 3 replaces Mini 2

	Mini 2	Mini 3
Connectivity	• Ethernet: Wired LAN -10/100 Fast Ethernet • WiFi: 802.11a/b/g/n/ac, 2.4GHz and 5GHz, 2x2 MIMO • Bluetooth: BT - 5.0 • Cellular (if applicable): 4G LTE	• Ethernet: Wired LAN -10/100 Fast Ethernet • WiFi: 802.11a/b/g/n/ac, 2.4GHz and 5GHz, 2x2 MIMO • Bluetooth: BT - 5.0 • Cellular (all devices): 4G LTE
Accessibility	• Volume control through UI only	• Dedicated tactile Volume control buttons • Volume control through UI
Accessories (Opt)	• PIN shield • Accessibility Pad • Mini Swivel Base • Cash Drawer	• PIN shield • Accessibility Pad • Mini Swivel Base • Cash Drawer
Compatible Peripherals	• Zebra hand-held barcode scanner (DS2208) • Zebra hands-free barcode scanner (DS-9308) • Star kitchen printer (SP742MLI) • Star thermal kitchen printer (TSP143III) • Epson stick label printer (L90) • CAS Weight scale • Clover employee login card	• Zebra hand-held barcode scanner (DS2208) • Zebra hands-free barcode scanner (DS-9308) • Star kitchen printer (SP742MLI) • Star thermal kitchen printer (TSP143III) • Epson stick label printer (L90) • CAS Weight scale • Clover employee login card

Environment Images

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Enter cash received

Amount

\$45.00

Due \$38.76

1

2

3

4

5

6

7

8

9

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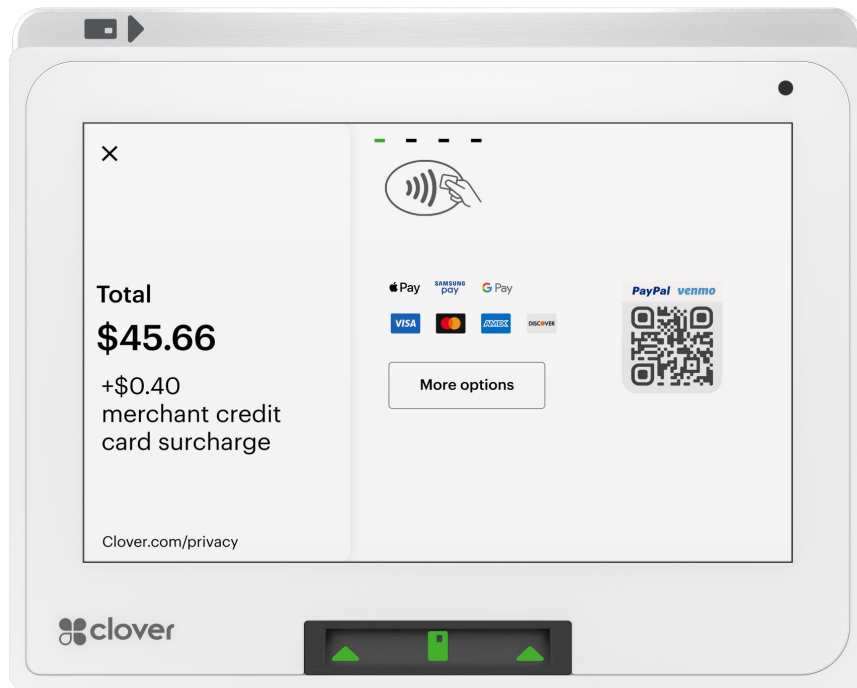
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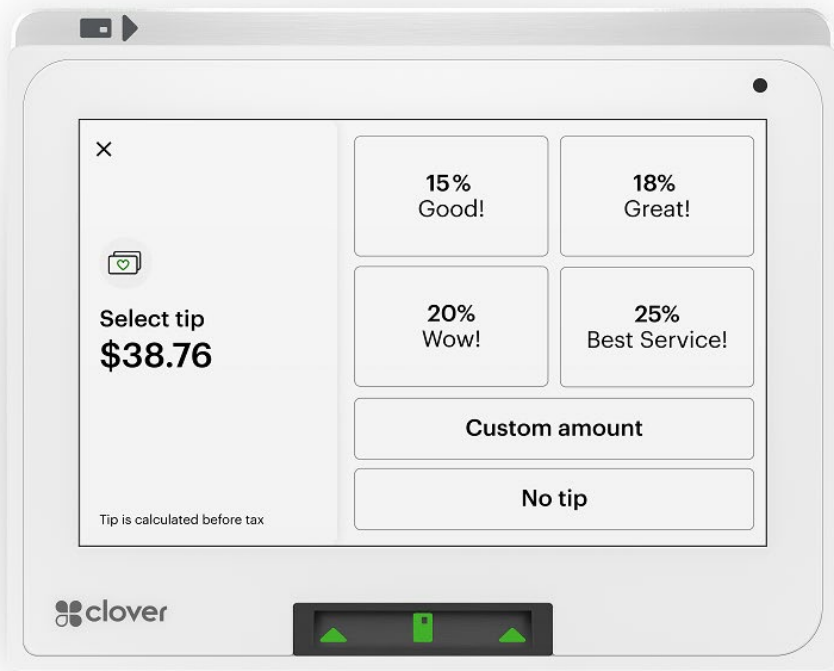
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Pay

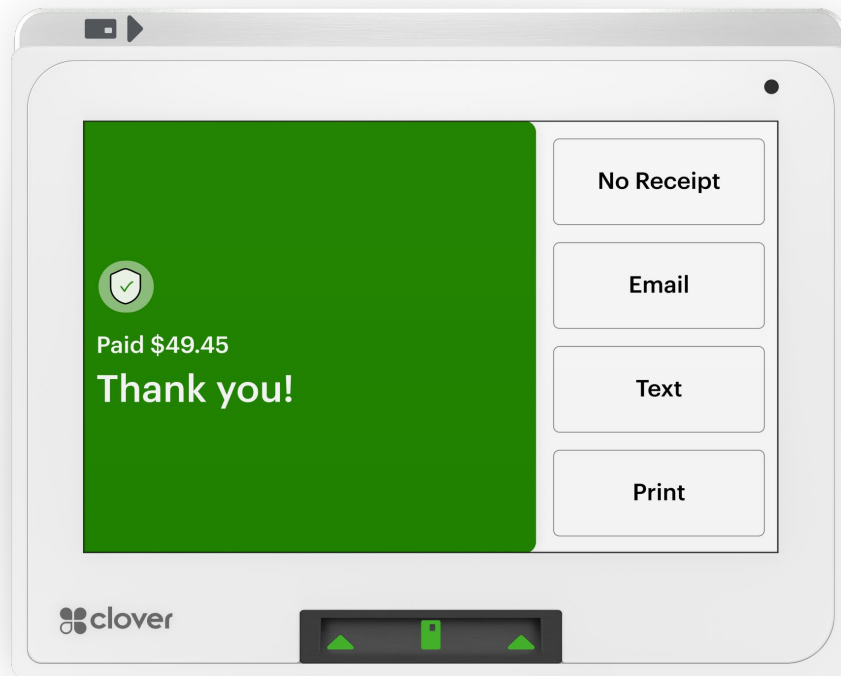
New Payment Flow UI



New Payment Flow UI



New Payment Flow UI

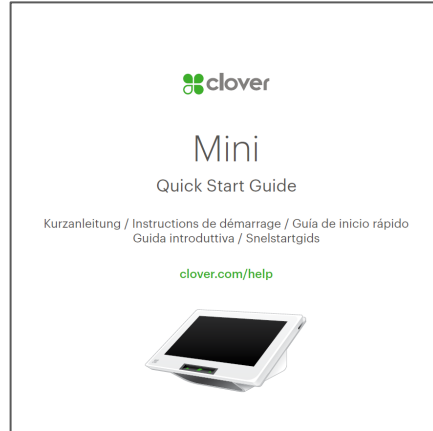


Available Collateral

Quick Start Guide

Spec Sheet

Mini 2 vs Mini 3 Spec Sheet



Clover Mini 3 Specifications	
	
Main System	
Processor	Qualcomm Snapdragon 8 Gen3 Processor, 1.94GHz 4 Cores and 2.2GHz 4 Cores
Memory – RAM	256 LPDDR4x
Storage Drive Size	1024 eMMC
Operating System	Android 10.x, multilingual support, edge support
Payment Interface	Magnetic Stripe – 3 track – B2B – B2C swipe – bi-directional Card reader – ISO 18185 B2B, swipes Contactless EMVCO 1.1, L2 contact and contactless (including NFC)
Security Certification	PCI PT2.9.X
Display	
Size	8.7 IPS HD Display
Resolution	1280 x 800 pixels
Form Factor and Specifications	
Dimensions (L x W x H) in in	10.7 cm x 2.9 cm x 17mm
Device Weight (in grams)	110g
Includes POC Terminal and Hub	
Speakers	Mini speaker
Headphone Jack	3.5mm Stereo audio jack with microphone input
Ports (for example, USB and Ethernet)	2 USB type-A ports – 1 A per port Cash drawer port USB type-B port – For connection to Clover and other supported POS devices
Camera Specs	5 MP Front
Privacy LED	Yes
Current Specs	Yes
Touch Screen/Over Glass Material	Yes, Capacitive multi-touch
PIV Pin, Digital and/or Physical	Visual keypad for PIN entry
Barcode Reader	1D/2D barcode scanning through camera
Android NFC (for Payments)	No
EMV Card	None SIM
Battery Type and Capacity	3.7V/1000mAh rechargeable Li-ion pack
Battery Operation Time	Not supported
AC Adapter and Power Specs	12V 3.3A AC Adapter
Thief Protection	Monitoring screen for loss, Kensington Slot
Printer	High-Speed Thermal Printer/ 20" Pinout Roll Width and up to 20cm diameter rolls

Connectivity

Ethernet	Wired LAN – 10/100 Fast Ethernet
Wi-Fi	802.11a/b/g/n, 2.4GHz and 5GHz, 2x2 MIMO
Bluetooth® Connectivity	BT v4.2
Cellular Data	4G LTE

Environmental Conditions

Operating Temperature	Operating Range 0°C-40°C
Operating Humidity	Non-Condensing 10% to 90% Relative Humidity
Storage Temperature	Storage – 20°C to 60°C
Operating Altitude	Tested to 10,000 ft.
Vibration	Yes
Dust Proof	IP5X

Device Accessibility

Visual content (text, images, sounds)	Yes, screen content can be read out loud by screen reader which is loud enough to be heard in noisy environments (for example, a cafe or bar)
Visual content (other, human-quality voices)	Yes, Google Talkback through audio jack
Ability to connect to a relay pin (for example, for minor add accessories)	Yes, (accessory relay pin)
Ability to connect headphones (through 3.5mm headphone jack and wirelessly)	Yes, (for headphone jack), no wireless support
High-contrast theme	Yes, through UI
Magnifier widget	Yes, through UI
Font size adjustment	Yes, through UI
Brightness adjustment	Yes, through UI
Sound detector (for example, microphone)	Yes
Switch Access	Yes, through UI
Physical (switch) PIV-entry option	Yes, with Clover accessibility pad

Accessories for Purchase

PIV Shell, Mini PIV Shell and Accessibility Pad, Mini Swivel Base and Cash Drawer

Comparative Sheet of Mini 2 and Mini 3	
Mini 2 Specifications	Mini 3 Specifications
Processor	Qualcomm Snapdragon 8 Gen3 Processor, 1.94GHz 4 Cores and 2.2GHz 4 Cores
Memory – RAM	256 LPDDR4x
Storage Drive Size	1024 eMMC
Operating System	Android 10.x, multilingual support, edge support
Payment Interface	Magnetic Stripe – 3 track – B2B – B2C swipe – bi-directional Card reader – ISO 18185 B2B, swipes Contactless EMVCO 1.1, L2 contact and contactless (including NFC)
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Android NFC (for Payments)	No
EMV Card	None SIM
Battery Type and Capacity	3.7V/1000mAh rechargeable Li-ion pack
Battery Operation Time	Not supported
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Equipment Grid

Description	FHS Part #	MAPS Driver	Product ID (MAMA)	Equip Code	Fee Seq Code
Clover Mini 3	CLVRMIN3YJ3C		93643	AA13i8	
Clover Mini 3 StarterKit	CLVRMIN3AKIT		93644	AA13i9	
Clover Mini 3 PIN Shield	MIS-CLVRM3PSHLD		93824	AACBWK	
Clover Mini3 SwivelStand	STCK-CLVRM3SWSD		93825	AACBWL	
Clover Mini 3 PIN Entry Aid	MIS-CLVRM3ADAPD	N/A	N/A	N/A	N/A