Clover Mini 3rd Gen vs Mini 2nd Gen

	Clover Mini 3rd Gen	Clover Mini 2nd Gen
Main System		
Processor	Qualcomm Snapdragon- 8 Cores Processor, 1.843GHz 4 Cores and 2.2GHz 4 Cores	Qualcomm Snapdragon- 8 Cores Processor, 1.843GHz 4 Cores and 2.2GHz 4 Cores
Memory - RAM	2GB LPDDR4x	2GB LPDDR4x
Storage Disk Drive	16GB eMMC	16GB eMMC
Operating System	Android 10.x, multilanguage supportuage support	Android 8.x/10.x, multilanguage supportuage support
Payment Interface	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)
Security Certification	PCI PTS 6.X	PCI PTS 5.X
Display		
Size	8.0" IPS HD Display	7.0" IPS HD Display
Resolution	1280 x 800 pixels	1280 x 800 pixels
Form Factor and Specifications		
Dimensions (L x W x H) in cm	10.7 cm x 21cm x 17cm	9.9 cm x 20.3cm x 16.6cm
Device Weight (in grams) *Includes POS terminal and Hub*	1130g	1130g
Speakers Specs	Mono speaker	Mono speaker
Headphone Jack	3.5mm Stereo Audio Jack with Microphone input	3.5mm Stereo Audio Jack with Microphone input
Ports (e.g., USB, ethernet)	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	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
Camera Specs	5.0M Pixel	5.0M Pixel
Privacy LED	Yes	No
Touch Screen/ Cover Glass Material	Yes, Capacitive multi-touch	Yes, Capacitive multi-touch / Gorilla 3 by Corning

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PIN pad: digital and/or physical	Virtual keypad for PIN entry	Virtual keypad for PIN entry
Bar Code Reader	1D/2D barcode scanning via camera	1D/2D barcode scanning
Android NFC (Non-payment)	No	Yes
SIM card	Micro SIM	Micro SIM
Battery Type and Capacity	3.7V/1000mAh rechargeable Li-ion pack	3.7V/1000mAh rechargeable Li-ion pack
Battery Operation Time	Not supported - graceful shutdown only	20 minutes of use at 1 transaction per minute - real time dependent on length of transaction - and device settings
AC Adaptor and Power Specs	12V 3.3A AC Adapter	12V 3.3A AC Adapter
Theft Protection	Mounting screws in Base, Kensington Slot	Mounting screws in Base
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.
Connectivity		
Ethernet	Wired LAN -10/100 Fast Ethernet	Wired LAN -10/100 Fast Ethernet
Wi-Fi	802.11a/b/g/n/ac, 2.4GHz and 5GHz, 2x2 MIMO	802.11a/b/g/n/ac, 2.4GHz and 5GHz, 2x2 MIMO
Bluetooth Connectivity	BT - 5.0	BT - 5.0
Cellular Data	4G LTE	4G LTE
Environmental Conditions		
Operating Temperature	Operating Range 0℃-40℃	Operating Range 0℃-40℃
Operating Humidity	Non-Condensing 10% to 90% Relative Humidity	Non-Condensing 10% to 90% Relative Humidity
Storage Temperature	Storage -20℃ to 60℃	Storage -20℃ to 60℃
Operating Altitude	Tested to 10000ft.	Tested to 10000ft.
Waterproof	N/A	N/A
Dust Proof	IP5X	IP5X
Device Accessibility		
Volume control (incl. in-built speaker, which is loud enough to be heard in noisy environments e.g., café or bar)	Volume Control buttons adjacent to screen Also through UI	Yes, through UI
Voice assistant (clear, human-quality voice)	Yes, Google talkback through audio jack	Yes, Google talkback through audio jack
Ability to connect to a stylus pen (e.g., for motor skill deficiencies)	Yes (passive stylus pen)	Yes (passive stylus pen)
Ability to connect headphones (via 3.5mm headphone jack and wirelessly)	Yes (for headphone jack), no wireless support	Yes (for headphone jack), no wireless support

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High contrast theme	Yes, through UI	Yes, through UI
Magnifier widget	Yes, through UI	Yes, through UI
Font size adjustment	Yes, through UI	Yes, through UI
Brightness adjustment	Yes, through UI	Yes, through UI
Sound detector (e.g., microphone)	Yes	Yes
Switch Access	Yes, through UI	Yes, through UI
Physical (tactile) PIN entry option	Yes, with Clover accessibility pad	Yes, with Clover accessibility pad
Accessories for Purchase		
PIN shield, Mini PIN Shield and Accessibility Pad, Mini Swivel Base, Cash Drawer	PIN shield, Mini PIN Shield and Accessibility Pad, Mini Swivel Base, Cash Drawer	PIN shield, Mini PIN Shield and Accessibility Pad, Mini Swivel Base, Cash Drawer