

# Clover Flex 2 and Flex 3 Specifications



**Clover Flex 2**



**Clover Flex 3**



## Main System

Processor	Qualcomm Snapdragon 660 Octa Core Processor, 1.8GHz 4 Cores and 2.2GHz 4 Cores
Memory – RAM	2GB LPDDR3 (533MHz)
Storage Disk Drive	16GB eMMC
Operating System	Android 8.1, multilanguage support
Payment Interface	Magnetic Stripe – 3 track-500K swipes - bi-directional Chip Card – ISO 7816 500K inserts Contactless EMVCo L1, L2 contact and contactless
Security Certification	PCI PTS 5.x   EMV Contact L1 and L2   MasterCard TQM   EMV Contactless L1 v3.0   Visa payWave   Mastercard Contactless   American ExpressPay   Discover DPAS   JCB Contactless   UPI Overseas   Interac Flash

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Memory – RAM	2GB LPDDR3 (533MHz)
Storage Disk Drive	16GB eMMC
Operating System	<b>Android 10.X</b> , multilanguage support
Payment Interface	Magnetic Stripe – 3 track-600K swipes – bi-directional Chip Card – ISO 7816 500K inserts Contactless EMVCo L1, L2 contact and contactless
Security Certification	<b>PCI PTS 6.x</b>   EMV Contact L1 & L2   MasterCard TQM   EMV Contactless L1 v3.0   Visa payWave   Mastercard Contactless   American ExpressPay   Discover DPAS   JCB Contactless   UPI Overseas   Interac Flash

## Display

Size	5.0" IPS HD display
Resolution	1280 x 720 pixels
Colors	16.7M colors
Luminance	350 Nits, typical brightness
Touch screen, Cover glass material	Yes capacitive multi-touch, Gorilla 3 by Corning

Size	<b>5.99" IPS HD display</b>
Resolution	<b>1440 x 720 pixels</b>
Colors	16.7M colors
Luminance	350 Nits, typical brightness
Touch screen, Cover glass material	Yes capacitive multi-touch, Gorilla 3 by Corning

## Form Factor and Specifications

Device Dimensions (L x W x H)	196 x 81.5 x 51mm / 7.7 x 3.2 x 2.0in
Device Weight	470g / 1.03lbs without cradle and sleeve, 525g / 1.16lbs with sleeve
Battery Capacity and Type	Lithium-Ion 16.6Wh, 2190mAh. Rechargeable
Battery Time	Supports up to 8 hours of use for a typical SMB
Battery Charging Support	Less than 1.5 hours
AC Adaptor and Power Specs	AC input: 100-240 V, 1.5 A, 50-60 Hz; DC output: 12 V, 3.3 A
Printer and Paper Roll Size	Thermal printer Roll width: 57 +/-1 mm (2.25 in.) Roll diameter: 40 mm max (1.57 in.)
Speaker	Mono-speaker
Headphone Jack and Microphone	3.5mm stereo audio jack with microphone input
PIN Pad: Digital and/or Physical	Virtual keypad for PIN entry
Employee Login Method	Employee Passcode Employee Login Card Fingerprint Login
Camera	Color camera (5MP)
Barcode Reader	1D/2D barcode scanning – with dedicated external button for barcode

Device Dimensions (L x W x H)	186.5 X 82 X 54mm / 7.3 X 3.2 X 2.1in
Device Weight	550g / 1.21lbs without cradle, with sleeve
Battery Capacity and Type	Lithium-Ion 16.6Wh, 2190mAh. Rechargeable
Battery Time	<b>Supports at least 8 hours of use for a typical SMB</b>
Battery Charging Support	<b>With charging cradle – 2 hours</b> <b>With travel kit– 2.25 hours</b> <b>Supports USB Type C PD charging</b>
AC Adaptor and Power Specs	AC input: 100-240 V, 1.5 A, 50-60 Hz; DC output: 12 V, 3.3 A
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## Ports and Connectivity

Ports (USB and Ethernet)	USB Type B – Device (with Optional Clover Flex Cable Kit) Ethernet (with Optional Clover Flex Cable Kit)
LAN Connectivity	Wired LAN – 10/100 Fast Ethernet (with optional Clover Flex cable kit)
Wi-Fi	IEEE 802.11a/b/g/n/ac 1x1 , 2.4GHz and 5GHz
Cellular Data	North America (C043U) : 4G/LTE only Europe (C043E) :4G/LTE only Argentina (C043L): 3G with 2G fallback

Ports (USB and Ethernet)	<b>USB Type B – Device (ONLY with Clover Developer Kit)</b>
LAN Connectivity	Not available
Wi-Fi	IEEE 802.11a/b/g/n/ac 1x1, 2.4GHz and 5GHz
Cellular Data	North America (SN: C045U) : 4G/LTE only Europe (SN: C045E) :4G/LTE fallback support for 3G Argentina (SN: C045L): 4G/LTE fallback support for 3G India (SN: C045A): 4G/LTE fallback support for 3G

## Environmental Conditions

Operating Temperature	Operating range 0°C–40°C
Operating Humidity	Non-condensing 90% RH
Storage Temperature	Storage -20°C to 60°C
Operating Altitude	Tested to 10000 ft
Dust Proof	IP5X

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## Device Accessibility

Ability to connect to a stylus pen (for motor skill deficiencies)	Yes (passive stylus pen)	Yes (passive stylus pen)
Physical (tactile) PIN Entry Option	Yes, with Clover Flex PIN Entry Aid	Yes, with Clover Flex PIN Entry Aid
Ability to connect headphones (through 3.5 MM headphone jack and wirelessly)	Yes (for headphone jack), no wireless support	Yes (for headphone jack), no wireless support
Volume Control (incl. in-built speaker, which is loud enough to be heard in noisy environments for example café or bar)	Yes through UI	Yes through UI
Voice Assistant (Clear, human-quality voice)	Yes Google talkback through audio jack	Yes Google talkback through audio jack