

Colormetrics Product Overview



Product	C1400	P1000/P1300	
System	CPU	Intel ATOM X5-E8000 1.04 GHz BRASWELL	P1000: Intel Celeron J1900 Quad-Core, up to 2.0 GHz P1300: Intel Core i3-7100U Dual Core, up to 2.4 Ghz
	System memory	1x SO-DIMM, max. 8 GB	P1000: 2 GB SO-DIMM, max. 8 GB; P1300: 4 GB SO-DIMM, max. 16 GB
	Hard drive	1x M.2 SSD	64 GB SSD; HDD optional
	Graphics chip	Integrated	Intel HD graphics
	Supported OS	Win 10 IoT Enterprise	Windows 10/Linux
Display	LCD size	35.8 cm (14.1")	38.1 cm (15")
	Touchscreen	PCAP	PCAP or resistive
	Max. resolution	1,366 x 768 pixels	1,024 x 768 pixels
Interface	Brightness	220 cd/m ²	P1000: 300 cd/m ² P1300: 350 cd/m ²
	USB	3x USB 2.0, 4x USB 3.0	P1000: 4x USB 2.0, 1x USB 3.0; P1300: 4x USB 2.0, 4x USB 3.0
	Serial/COM	2x RS-232	P1000: 2x RS-232 P1300: 4x RS-232
	LAN	1x RJ45	1x Gigabit
	Wi-Fi	Optional	P1000: -/P1300: optional
	VGA	-	1x
	Cash drawer port	1x RJ11	1x RJ11
PSU	Power adapter	19 V, 60 W or 150 W (for printer option)	P1000: 60 W, integrated in the stand; P1300: 90 W
Miscellaneous	Dimensions (W x D x H)	337.4 x 138.5 x 350 mm	364 x 229 x 339 mm
	Weight	-	5.5 kg
	Operating temperature	0° C to 40° C	P1000: 0° C to 40° C P1300: 0° C to 35° C
Optional	Certification	CE, FCC, LVD, IP64 (front panel)	CE, RoHS
	Mount	VESA 100	VESA 100
	MSR	Yes	Yes
	Customer display	Yes (VFD)	Yes (2x 20 integrated)
	Customer-facing screen	Yes 4.3" LCD	Yes (8", 9.7")
	Barcode scanner	Yes (2D)	Yes (2D)
	Waiter's lock	Yes (iButton)	Yes (iButton)
	RFID	Yes	No
	WWAN	Yes (4G)	-
	Colour variants	Black, white	Black
Integrated printer	Yes (3" direct thermal printer)	Please see PS1000	

Product	Printer Specifications C1400	Printer Specifications PS1000	
Printing parameters	Print method	Direct thermal	Direct thermal
	Resolution	203 dpi, 8 dots/mm	203 dpi, 8 dots/mm
	Print width	72 mm	72 mm
	Print speed	170 mm/sec.	260 mm/sec.
	Interfaces	USB	USB, serial, Ethernet, cash drawer
System	Print density	Adjustable from level 1 to level 4	Adjustable from level 1 to level 4
	RAM/flash memory	2 MB/4 KB	4 MB/4 MB
System	Sensors	Paper out detection, cover open detection	Paper out detection, cover open detection
	Drivers	Windows 10, Linux (CUPS)	Windows 10
Barcodes	LED displays	-	Power (blue), error (red), paper (orange)
	1D	All common 1D barcodes	All common 1D barcodes
Paper	2D	All common PDF417/QR codes	All common 2D barcodes
	Paper type	Thermal paper	Thermal paper
	Paper width	58/80 mm	58/80 mm
	Paper thickness	0.056 ~ 0.13 mm	0.056 ~ 0.13 mm
	Roll diameter	Max. OD 61 mm	Max. OD 83 mm
Specifications	Paper feed	Easy loading	Easy loading
	Paper cutting	Partial or full cut	Partial or full cut
	Operating temperature	-	0° C ~ 50° C, 20% ~ 85% RH
	Storage conditions	-	-20° C ~ 70° C, 5% ~ 95% RH
	Dimensions (W x D x H)	-	137.3 x 132 x 130.5 mm
	Weight (printer)	-	1.33 kg



Product	C1000 mPOS	P5500		
System	CPU	Intel Atom X5 Z8300, Quad-Core, 1.44 GHz (max. 1.84 GHz)	Intel Celeron 4305U (Intel Core i3-8145UE, Core i5-8265U, optional), fanless	
	System memory	Windows: 4 GB DDR3 RAM / Android: 2 GB DDR3 RAM	SO-DIMM DDR4, max. 32 GB	
	Memory expansion	1x Micro-SD (max. 128 GB)		
Display	Hard drive	Windows: 64 GB eMMC / Android: 32 GB eMMC	2x M.2 (2280) slots	
	Supported OS	Windows 10 / Android 5.1	Windows 10, Linux	
	Graphics chip	Intel HD graphics	Intel HD graphics	
	LCD size	25.7 cm (10.1")	39.6 cm (15.6") LCD	
	Max. resolution	1,280 x 800 pixels	1,920 x 1,080 pixels (full HD)	
	Brightness	350 cd/m ²	350 nits, LED	
	Touchscreen	PCAP (multi-touch)	PCAP	
	Interface	USB 2.0	1x	5x
		USB 3.0	Optional	2x
		Powered-USB	Max. 3x (optional via stand)	1x (24 V)
Serial/COM		Max. 2x (RJ45, optional via stand)	3x (RJ45)	
Parallel		-	-	
PSU	LAN	1x Gigabit (optional via stand)	1x (Gigabit)	
	VGA	1x HDMI (optional via stand)		
	Cash drawer port	1x RJ11 (12V, optional via stand)	1x (12V/24V, RJ11)	
Miscellaneous	Power adapter	5V, 2 A, micro-USB (tablet), 1x 12V DC (in docking station)	90 W	
	Dimensions (W x D x H)	264.5 x 182 x 10.7 mm (tablet), max. 267 x 280 x 269 mm (docking station)	365.3 x 40.3 x 220.4 mm (without stand)	
	Weight	0.678 kg (tablet), ca. 2.58 kg (docking station)	4 kg	
Optional	Operating temperature	0° C to 35° C	0° C to 40° C	
	Certification	CE, RoHS	CE, RoHS	
	Mount	Docking station	VESA 75 x 75 mm	
	MSR	Yes (optional via expansion cover)	Yes	
	Customer display	Yes (optional via stand)	Yes (9.7", 15.6")	
	Customer-facing screen	Yes (optional via stand)	Yes (2 x 20 characters)	
	Barcode scanner	Yes (2D, optional via expansion cover)	Yes (1D, 2D)	
	Waiter's lock	-	Yes (iButton)	
	RFID	Yes, NFC (optional via expansion cover)	Yes	
	WWAN	4G LTE (optional via expansion cover)	Yes	
	Colour variants	Black	Black/silver	

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Product	P4100	P4500	P2100*	
System	CPU	Intel Celeron J1900 Quad-Core, 2.0 GHz	Intel Celeron 3965U, (Intel Core-i3 7100U, Core-i5 7200U, optional)	Intel Celeron J1900 Quad-Core, 2.0 GHz
	System memory	4 GB SO-DIMM, DDR3L, 1,333 MHz, max. 8 GB	4 GB SO-DIMM, DDR4, 2,133 MHz, 16 GB	4 GB SO-DIMM, DDR3L, 1,333 MHz, max. 8 GB
	Memory expansion	–	–	1x CFast
	Hard drive	128 GB SSD, HDD optional	128 GB SSD, HDD optional	128 GB SSD, HDD optional
Display	Supported OS	Windows 10/Linux	Windows 10/Linux	Windows 10/Linux
	Graphics chip	Intel HD graphics	Intel HD graphics	Intel HD graphics
	LCD size	38.1 cm (15")	38.1 cm (15")	38.1 cm (15")
	Max. resolution	1,024 × 768 pixels	1,024 × 768 pixels	1,024 × 768 pixels
Interface	Brightness	350 cd/m ²	350 cd/m ²	350 cd/m ²
	Touchscreen	5-wire resistive, PCAP	5-wire resistive, PCAP	5-wire resistive, PCAP
	USB 2.0	Up to 7x	Up to 4x	3x
	USB 3.0	1x	4x	1x
	Powered-USB	1x (optional, 24 V)	1x (optional, 24 V)	–
	Serial/COM	4x (RJ45), 1x RJ45 (optional)	3x (optional 4x)	3x DB9 (powered), 1x RJ45
	Parallel	Optional	–	Optional
	LAN	1x Gigabit	1x Gigabit	1x Gigabit
	VGA	1x	1x	1x
	PS/2	–	–	1x
PSU	Cash drawer port	1x RJ11 (12/24V)	1x RJ11 (12/24V)	1x RJ11 (12V)
Miscellaneous	Power adapter	90 W, integrated in the stand	90 W, integrated in the stand	90 W, external
	Dimensions (W × D × H)	374 × 265 × 339 mm	374 × 265 × 394 mm	323.6 × 368 × 264.2 mm
	Weight	ca. 6.6 kg	ca. 6.6 kg	Ca. 9.6 kg
Optional	Operating temperature	0° C to 35° C	0° C to 35° C	0° C to 35° C
	Certification	CE, RoHS	CE, RoHS	CE, RoHS
	Mount	VESA 100	VESA 100	VESA 100
	MSR	Yes	Yes	Yes
	Customer display	Yes (2 × 20 integrated, pole)	Yes (2 × 20 integrated, pole)	Yes (2 × 20 integrated, pole)
	Customer-facing screen	Yes (8", 9.7", 15" pole)	Yes (8", 9.7", 15" pole)	Yes (8", 15" pole)
	Barcode scanner	Yes (1D, 2D)	Yes (1D, 2D)	Yes (1D, 2D)
	Waiter's lock	Yes (iButton)	Yes (iButton)	Yes (iButton, Addimat)
RFID	Yes (MiFare)	Yes (MiFare)	Yes (MiFare)	
Colour variants	Black, white	Black	Black, white	