

Colormetrics Product Overview



| Product | C1400 | P1000/P1300 |
|-------------------------------|---|--|
| Description | Page 315 | Page 316/Page 317 |
| 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 |
| LCD size | 35.8 cm (14.1") | 38.1 cm (15") |
| Touchscreen | PCAP | PCAP or resistive |
| Max. resolution | 1,366 × 768 pixels | 1,024 × 768 pixels |
| 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 |
| WiFi | Optional | P1000: -/P1300: Optional |
| VGA | - | 1x |
| Cash drawer port | 1x RJ11 | 1x RJ11 |
| Power adapter | 19V, 60 W or 150 W (for printer option) | P1000: 60 W, integrated in the stand; P1300: 90 W |
| Dimensions (W × D × H) | 337.4 × 138.5 × 350 mm | 364 × 229 × 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 |
| 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 |
|-------------------------------|--|--|
| Description | Page 315 | Page 316 |
| 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 |
| 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 |
| Sensors | Paper out detection, cover open detection | Paper out detection, cover open detection |
| Drivers | Windows 10, Linux (CUPS) | Windows 10 |
| LED displays | - | Power (blue), error (red), paper (orange) |
| 1D | All common 1D barcodes | All common 1D barcodes |
| 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 |
| 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 × D × H) | - | 137.3 × 132 × 130.5 mm |
| Weight (printer) | - | 1.33 kg |

For testing and presentations, demo hardware is available to you on demand for every Colormetrics device!



| Product | C1000 mPOS | P4100 | P4500 | |
|----------------------|-------------------------------|--|--|---|
| Description | Page 318 | Page 319 | Page 319 | |
| System | CPU | Intel Atom X5 Z8300, Quad-Core, 1.44 GHz (max. 1.84 GHz) | Intel Celeron J1900 Quad-Core, 2.0 GHz | Intel Celeron 3965U, (Intel Core-i3 7100U, Core-i5 7200U, optional) |
| | System memory | Windows: 4 GB DDR3 RAM/ Android: 2 GB DDR3 RAM | 4 GB SO-DIMM, DDR3L, 1333 MHz, max. 8 GB | 4 GB SO-DIMM, DDR4, 2133 MHz, 16 GB |
| | Memory expansion | 1× micro SD (max. 128 GB) | – | – |
| | Hard drive | Windows: 64 GB eMMC/ Android: 32 GB eMMC | 128 GB SSD, HDD optional | 128 GB SSD, HDD optional |
| Display | Supported OS | Windows 10/Android 5.1 | Windows 10/Linux | Windows 10/Linux |
| | Graphics chip | Intel HD graphics | Intel HD graphics | Intel HD graphics |
| | LCD size | 25.7 cm (10.1") | 38.1 cm (15") | 38.1 cm (15") |
| | Max. resolution | 1,280 × 800 pixels | 1,024 × 768 pixels | 1,024 × 768 pixels |
| | Brightness | 350 cd/m ² | 350 cd/m ² | 350 cd/m ² |
| | Touchscreen | PCAP (multi-touch) | 5-wire resistive, PCAP | 5-wire resistive, PCAP |
| Interface | USB 2.0 | 1× | Up to 7× | Up to 4× |
| | USB 3.0 | Optional | 1× | 4× |
| | Powered-USB | Max. 3× (optional via stand) | 1× (optional, 24V) | 1× (optional, 24V) |
| | Serial/COM | Max. 2× (RJ45, optional via stand) | 4× (RJ45), 1× RJ45 (optional) | 3× (optional 4×) |
| | Parallel | – | Optional | – |
| | LAN | 1× Gigabit (optional via stand) | 1× Gigabit | 1× Gigabit |
| | VGA | 1× HDMI (optional via stand) | 1× | 1× |
| | PS/2 | – | – | – |
| | Cash drawer port | 1× RJ11 (12V, optional via stand) | 1× RJ11 (12/24V) | 1× RJ11 (12/24V) |
| PSU | Power adapter | 5V, 2 A, micro-USB (tablet), 1× 12V DC (in docking station) | 90 W, integrated in the stand | 90 W, integrated in the stand |
| Miscellaneous | Dimensions (W × D × H) | 264.5 × 182 × 10.7 mm (tablet), max. 267 × 280 × 269 mm (docking station) | 374 × 265 × 339 mm | 374 × 265 × 394 mm |
| | Weight | 0.678 kg (tablet), ca. 2.58 kg (docking station) | Ca. 6.6 kg | Ca. 6.6 kg |
| | Operating temperature | 0 °C to 35 °C | 0 °C to 35 °C | 0 °C to 35 °C |
| | Certification | CE, RoHS | CE, RoHS | CE, RoHS |
| Optional | Mount | Docking station | VESA 100 | VESA 100 |
| | MSR | Yes (optional via expansion cover) | Yes | Yes |
| | Customer display | Yes (optional via stand) | Yes (2 × 20 integrated, pole) | Yes (2 × 20 integrated, pole) |
| | Customer-facing screen | Yes (optional via stand) | Yes (8", 9.7", 15" pole) | Yes (8", 9.7", 15" pole) |
| | Barcode scanner | Yes (2D, optional via expansion cover) | Yes (1D, 2D) | Yes (1D, 2D) |
| | Waiter's lock | – | Yes (iButton) | Yes (iButton) |
| | RFID | Yes, NFC (optional via expansion cover) | Yes (MiFare) | Yes (MiFare) |
| | WWAN | 4G LTE (optional via expansion cover) | – | – |
| | Colour variants | Black | Black, white | Black |

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Colormetrics Product Overview



| Product | P2100* | V1000 Series | Vion |
|----------------------|-------------------------------|--|---|
| Description | Page 320 | Page 321 / Page 322 | Page 323 |
| System | CPU | Intel Celeron J1900 Quad-Core, 2.0 GHz | Intel Celeron J1900 Quad-Core, 2.0 GHz |
| | System memory | 4 GB SO-DIMM, DDR3L, 1333 MHz, max. 8 GB | 4 GB SO-DIMM, DDR3L, 1333 MHz, max. 8 GB |
| | Memory expansion | 1x CFast | – |
| | Hard drive | 128 GB SSD, HDD optional | 128 GB SSD, HDD optional |
| | Supported OS | Windows 10/Linux | Windows 10/Linux |
| Display | Graphics chip | Intel HD graphics | Intel HD graphics |
| | LCD size | 38.1 cm (15") | 12.1" / 15" / 15.6" |
| | Max. resolution | 1,024 × 768 pixels | 12": 1,024 × 768 pixels 15": 1,024 × 768 pixels 15.6": 1,366 × 768 pixels |
| | Brightness | 350 cd/m ² | 500 cd/m ² / 350 cd/m ² / 220 cd/m ² |
| | Touchscreen | 5-wire resistive, PCAP | 5-wire resistive, PCAP |
| Interface | USB 2.0 | 3x | 4x |
| | USB 3.0 | 1x | 1x |
| | Powered-USB | – | – |
| | Serial/COM | 3x DB9 (powered), 1x RJ45 | 3x RS-232 |
| | Parallel | Optional | – |
| | LAN | 1x Gigabit | 1x Gigabit |
| | VGA | 1x | 1x |
| | PS/2 | 1x | – |
| | Cash drawer port | 1x RJ11 (12V) | 1x RJ11 (12/24V) |
| PSU | Power adapter | 90 W, external | 60 W, external |
| Miscellaneous | Dimensions (W × D × H) | 323.6 × 368 × 264.2 mm | V1200: 290 × 240 × 378.6 mm V1500: 366 × 265 × 377 mm V1506: 366 × 265 × 377 mm |
| | Weight | Ca. 9.6 kg | V1200: 8.5 kg V1500: 9.5 kg V1506: 8.5 kg |
| | Operating temperature | 0 °C to 35 °C | 0 °C to 40 °C |
| | Certification | CE, RoHS | CE, RoHS |
| Optional | Mount | VESA 100 | – |
| | MSR | Yes | Yes |
| | Customer display | Yes (2 × 20 integrated, pole) | Yes (2 × 20 integrated) |
| | Customer-facing screen | Yes (8", 15" pole) | Yes (8", 9.7") |
| | Barcode scanner | Yes (1D, 2D) | Yes (1D, 2D) |
| | Waiter's lock | Yes (iButton, Addimat) | Yes (iButton) |
| | RFID | Yes (MiFare) | Yes (MiFare) |
| | Colour variants | Black, white | Black |

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***Not available in MENA.**