

|   |  Apex 2  |  Apex 3 |  Apex 4 |  2te                        |  4t/4te   |  PrintPAD                                    |  Andes 3    |  OC2  |  OC3 |  LP3                 |  RL4  |  S2000i                                |  8i                      |  RP                      |  VMP |  |  |  |
|---|---|--|--|---|--|---|--|--|---|---|--|---|---|---|---|--|--|--|
| <b>PRINTER TYPE</b>                               | Thermal receipt printer   | Thermal receipt printer  | Thermal receipt printer  | Thermal receipt printer   | Thermal receipt printer  | Thermal receipt printer   | Thermal receipt printer  | Thermal receipt / label printer  |   | Thermal label printer   | Thermal label printer  | Impact printer  | Impact printer  | Impact printer  | Impact printer  |  |  |  |
| <b>DIMENSIONS (may vary depending on options)</b> | 5.4" h x 4.1" w x 2.4" d (135 x 103 x 60mm)   | 6.1" h x 5.0" w x 2.3" d (156 x 127 x 58mm)  | 7.5" h x 6.5" w x 2.5" d (191 x 166 x 63mm)  | 5.5" h x 4.3" w x 2.5" d (139.7 x 109.2 x 63.5mm)   | 4t: 6.82" h x 6.57" w x 2.6" d (173.2 x 166.9 x 66mm)<br>4te: 6.8" x 6.9" x 2.7" (172.2 x 175.8 x 69.1mm)  | PP9000: 9.75" h x 13.38" w x 3" d (247.6 x 339.8 x 76.2mm)<br>other models: 7.5" h x 11.8" w x 2.4" d (190.5 x 299.7 x 60.9mm)  | 6.9" h x 4.8" w x 3.5" d (175 x 123 x 86mm)  | OC2 Receipt: 4.9" h x 5.19" w x 2.75" d (124.4 x 131.8 x 69.9mm)<br>OC3 Receipt and OC3 Label: 4.9" h x 6.54" w x 2.75" d (124.6 x 166.1 x 69.9mm) |   | 7.86" h x 6.2" w x 5.17" d (199.6 x 157.5 x 131.3mm)  | 7.87" h x 6.52" w x 3.18" d (199.9 x 165.6 x 80.7mm)   | 4.75" h x 4.2" w x 2.7" d (120.7 x 106.7 x 68.6mm)  | 15.5" h x 11.75" w x 4.25" d (393.7 x 298.5 x 107.5 mm)   | 17.5" h x 14" w x 5.13" d (444.5 x 355.6 x 130.3mm)   | 4.06" h 15.75" w x 4.75" x d (103.2 x 400.1 x 120.6mm)                                  |  |  |  |
| <b>WEIGHT (w/ battery &amp; paper roll)</b>       | 18.7 oz (0.53 kg)   | 26.5 oz (0.75 kg)  | 36.1 oz (1.02 kg)  | 19.2 oz (0.54 kg)   | 4t: 32.9 oz (0.93 kg)<br>4te: 37.2 oz (1.05 kg)  | up to 60.8 oz (1.72 kg) depending on model  | 33.6 oz (0.95 kg)  | OC2 Receipt: 21.6 oz (0.61 kg)<br>OC3 Receipt: 30 oz (0.85 kg)<br>OC3 Label: 27.7 oz (0.78 kg)   |   | 63.5 oz (1.8 kg)  | 34.56 oz (0.98 kg) printer only  | 18 oz (0.51 kg) printer only  | 182 oz (5.16 kg)  | 149.5 oz (4.24 kg)  | 115.7 oz (3.28 kg)  |  |  |  |
| <b>PRINT WIDTH (max)</b>                          | 1.89" (48mm)  | 2.83" (72mm)   | 4.10" (104mm)  | 1.89" (48mm)  | 4.10" (104mm)  | 4.10" (104mm)   | 2.83" (72mm)   | OC2 Receipt: 1.89" (48mm)<br>OC3 Receipt: 2.84" (72.1mm)<br>OC3 Label: 2.84" (72.1mm)  |   | 2.84" (72.1mm)  | 4.125" (105mm)   | 1.89" (48mm)  | 8" (203.2mm)  | 8" (203.2mm)  | 8" (203.2mm)  |  |  |  |
| <b>RESOLUTION</b>                                 | 203 DPI (8 dots/mm)   | 203 DPI (8 dots/mm)  | 203 DPI (8 dots/mm)  | 203 DPI (8 dots/mm)   | 203 DPI (8 dots/mm)  | 203 DPI (8 dots/mm)   | 203 DPI (8 dots/mm)  | 203 DPI (8 dots/mm)  |   | 203 DPI (8 dots/mm)   | 203 DPI (8 dots/mm)  | Printhead 8 pin impact  | Printhead 9 pin impact  | Printhead 9 pin impact  | Printhead 9 pin impact  |  |  |  |
| <b>MEDIA TYPE</b>                                 | Direct thermal receipt paper (7 grades: standard, premium, heavy duty, long-life, image protect, hi-temp, and all weather), synthetic media, UV coated media, limited label support. DTransfer media (for 4" printers only). Linerless labels (for printers with linerless option only) |  |  |   |  |   |  |  |   |   | 0.75" - 3" lined labels with Q-mark or gap sensing; direct thermal receipt paper (7 grades), synthetic media, UV coated media; 2" hang tags  |   | Lined and linerless labels with black mark or gap sensing; external fanfold or roll supply                  |   | Plain Single Ply Paper or 2-ply carbonless  |  | Multi-part tractor-fed forms (Original + 3 copies) |  |
| <b>MEDIA CAPACITY</b>                             | 1.50" (38.1mm) max O.D.<br>0.4" (10.16mm) I.D. core   | 1.37" (34.9mm) max O.D.<br>0.4" (10.16mm) I.D. core                                      | 2.00" (50.8mm) max O.D.<br>0.4" (10.16mm) I.D. core                                      | 2.00" (50.8mm) max O.D.<br>0.4" (10.16mm) I.D. core   | 2.25" (57mm) max O.D.<br>0.4" (10.16mm) I.D. core  | 2.25" (57mm) max O.D.<br>0.4" (10.16mm) I.D. core   | 2.20" (55.8mm) max O.D.<br>0.4" (10.16mm) I.D. core  | 2.25" (57mm) max O.D.<br>0.4" (10.16mm) I.D. core  |   | 3.5" (88.9mm) max O.D.<br>1" (25.4mm) I.D. core   | 2.65" (67mm) max O.D.<br>0.75" (19mm) I.D. core  | 1.50" (38mm) max O.D.   | up to 200 sheets  | up to 200 sheets  | up to 200 sheets  |  |  |  |
| <b>MEDIA WIDTH</b>                                | 2.24" (57mm)  | 3.14" (80mm)   | 4.37" (111mm)  | 2.25" (57mm)  | 4.41" (112mm)  | 4.41" (112mm)   | 3.09" (78mm)   | OC2 Receipt: 2.25" (57mm)<br>OC3 Receipt: 3.15" (80mm)<br>OC3 Label: 1.0" - 3.0" (25.4 - 76.2mm)   |   | 1.0" - 3.0" (25.4 - 76.2mm)   | 2" - 4.125" (50.8 - 105mm)   | 2.25" (57mm)  | 3" - 8.5" x 11" [US letter]<br>(76 - 210 x 297mm [A4])  | 3" - 8.5" x 11" [US letter]<br>(76 - 210 x 297mm [A4])  | 3" - 8.5" x 11" [US letter]<br>(76 - 210 x 297mm [A4])                                  |  |  |  |
| <b>CONNECTIVITY</b>                               | RS-232: 115.2 kbps, Bluetooth 2.0   | RS-232: 115.2 kbps, Bluetooth 2.0  | USB 2.0, Bluetooth 2.0   | RS-232: 460.8 kbps, USB 2.0, Optional Bluetooth   | RS-232: 38.4 - 460.8 kbps USB 2.0 (4te only)<br>Optional 802.11b/g, Bluetooth  | RS-232: 38.4 - 460.8 kbps USB 2.0 (not available on PP9000 and PP7900), Optional Bluetooth                                      | RS-232: 115.2 kbps, USB 2.0, Bluetooth 2.0, IrDA, Optional 802.11b/g                           | RS-232: 460.8 kbps, USB 2.0, Optional 802.11b/g, Bluetooth   |   | RS-232: 460.8 kbps, USB 2.0, Optional 802.11b/g, Bluetooth  | RS-232: 460.8 kbps, USB 2.0, Optional Bluetooth 2.0, 802.11a/b/g   | RS-232: 9,600 baud, Bluetooth .2.0, IrDA  | RS-232 up to 115.2 kbps<br>Optional Bluetooth   | RS-232 up to 115.2 kbps<br>Optional Bluetooth   | RS-232 up to 115.2 kbps<br>Optional Bluetooth   |  |  |  |
| <b>BATTERY POWER &amp; ENDURANCE</b>              | 1 x 7.4 V Li-Ion (2200 mAh)<br>Prints approx. 2,640 - 6" long receipts  | 1 x 7.4 V Li-Ion (2200 mAh)<br>Prints approx. 1580 - 6" long receipts                    | 1 x 7.4 V Li-Ion (2200 mAh)<br>Prints approx. 986 - 6" long receipts                     | 1 x 7.2V Li-Ion (1800 mAh)<br>Prints approx. 780 - 6" receipts via Bluetooth w/ single charge                 | 2 x 7.2V Li-Ion (4400 mAh)<br>Prints approx. 1,150 - 6" receipts via Bluetooth w/ single charge  | 2 x 7.2V Li-Ion (4400 mAh)<br>Prints approx. 2,240 - 6" receipts via RS-232 cradle w/ single charge                             | 1 x 7.4 V Li-Ion (2200 mAh)<br>Prints approx. 936 - 6" receipts via Bluetooth w/ single charge | 1 x 7.2V Li-Ion (2200 mAh)<br>OC3 Label prints approx. 5,304 - 2" x 1.125" labels via Bluetooth w/ single charge                                   |   | 2 x 7.2V Li-Ion (4400 mAh)<br>Prints approx. 13,392 - 2" x 1.125" labels via Bluetooth w/ single charge | 1 x 14.4 V Li-Ion (2200 mAh)<br>Prints approx. 500 labels via 802.11 w/ single charge  | 1 x Rechargeable NiMH 5 Cell Battery Cartridge (1400mAh)<br>Prints approx. 224 - 6" labels via Bluetooth w/ single charge | 1 x 12V NiMH (4000 mAh)<br>Prints approx. 245 - 8.5" x 11" (US letter) invoices via RS-232 w/ single charge | 1 x 12V NiMH (4000 mAh)<br>Prints approx. 245 - 8.5" x 11" (US letter) invoices via RS-232 w/ single charge | No battery<br>Unlimited printing from vehicle power                                     |  |  |  |
| <b>FONTS</b>                                      | ASCII, International, PC Line draw, 12CPI, 16CPI, 19CPI, 21CPI, 24CPI, 13CPI rotated.<br>Optional: Arabic, Hebrew, Polish, Portugese, Turkish, Simplified Chinese (GB 2312), Traditional Chinese (BIG5); additional international characters available                                  |  |  |   | Resident bitmap fonts from 5.5 to 34 characters per inch<br>Optional: Arabic, Greek Hebrew, OCR-A, OCR-B, Unicode subset including Latin & Thai. Asian (including Big 5, Simplified Chinese, and Shift JIS) - available in certain printers only<br><br>*RL4: Kanji, Hangul; additional international characters available |   |  |  |   |   | ASCII, International, PC Line draw Optional: Arabic, Hebrew, Polish, Portugese, Turkish, Simplified Chinese (GB 2312), Traditional Chinese (BIG5); additional international characters available |   | 10 CPI Pica/Elite & 12 CPI Pica/Elite<br>Optional: Arabic, Cyrillic, Greek, Hebrew, Latin, Turkish          |   |   |  |  |  |
| <b>BARCODE PRINTING</b>                           | 1D linear & 2D symbologies  | 1D linear & 2D symbologies   | 1D linear & 2D symbologies   | 1D linear & 2D symbologies  | 1D linear & 2D symbologies   | 1D linear & 2D symbologies  | 1D linear & 2D symbologies   | 1D linear & 2D symbologies   |   | 1D linear & 2D symbologies  | 1D linear & 2D symbologies   | Not recommended   | Not recommended   | Not recommended   | Not recommended   |  |  |  |
| <b>MEMORY: Flash / RAM</b>                        | 4MB / 1MB   | 4MB / 1MB  | 4MB / 2MB  | 4MB / 2MB   | 4t: 512kB / 128kB<br>4te: 4MB / 2MB  | 7900 & 9000 serial: 512kB / 128kB<br>all other models: 4MB / 2MB  | 4MB / 2MB  | 4MB / 2MB  |   | 4MB / 2MB   | 64MB / 32MB  | 128kB Flash   | Serial: 512kB / 128kB<br>Bluetooth: 1024kB / 512kB  | 1024kB / 512kB  | 1024kB / 512kB  |  |  |  |
| <b>OPTIONS</b>                                    | 802.11b/g, card reader  | 802.11b/g, card reader   | 802.11b/g, card reader   | Card reader, linerless printing capability, Bluetooth   | Card reader, swivel belt ready, linerless printing capability, Bluetooth, 802.11b/g, external charge contacts  | Motorola, Honeywell, or Intermec compatibility, card reader, Bluetooth, DEX, external charge contacts                           | 802.11b/g, card reader   | Card reader, Bluetooth, 802.11b/g  |   | Bluetooth, 802.11b/g  | 802.11a/b/g, Bluetooth 2.0, linerless printing capability  | Card reader   | Bluetooth   | Bluetooth   | Bluetooth   |  |  |  |
| <b>IDEAL APPLICATIONS</b>                         | Mobile POS • Transportation • Field Service • Public Services • Route Accounting  | Mobile POS • Transportation • Field Service • Public Services • Route Accounting         | Mobile POS • Transportation • Field Service • Public Services • Route Accounting         | Route Accounting • Direct Store Delivery (DSD) • Field Service, Logistics • Home Delivery • Pre-Sales Systems | Route Accounting • Direct Store Delivery (DSD) • Field Service • Logistics • Home Delivery • Pre-Sales Systems   | Beverage & Food Sales • Field Service • Law Enforcement • Route Accounting • Direct Store Delivery • Transportation & Logistics | Mobile POS • Field Service • Route Accounting • Travel   | Retail • Mobile Point-of-Sale • Hospitality • Healthcare • Transportation • Field Sales & Service  |   | Retail • Manufacturing  | Logistics and Distribution • Parcel • Manufacturing • Cold Storage • Retail  | Mobile POS • Field Service • Route Accounting • Travel  | Route Accounting • Customer Invoices • Receipts • Report Transfers  | Route Accounting • Direct Store Delivery  | Route Accounting • Direct Store Delivery  |  |  |  |
| <b>WARRANTY</b>                                   | 1 year*   | 1 year*  | 1 year*  | 2 years (including platen roller, printhead, and installed options) when used with approved supplies          |  |   | 1 year*  | 1 year*  |   | 1 year*   | 2 years (including platen roller, printhead, and installed options) when used with approved supplies   | 1 year*   | 1 year*   | 1 year*   | 1 year*   |  |  |  |