

## Specifications

<b>Printing method</b>		Line thermal dot print method																													
<b>Print width (*1)</b>		80mm/640 dots, 72mm/576 dots, 64mm/512 dots, 54.5mm/436 dots, 54mm/432 dots, 52.5mm /420dots, 48 mm/384 dots, 45mm/360 dots, 48.75mm/390 dots, 68.25 mm/546 dots																													
<b>Dot density</b>		8 × 8 dots / mm (203 dpi)																													
<b>Print speed</b>		Roll paper: Max. 300 mm/sec 2400 dots lines/sec. (fastest, print density 100%) Label: Max. 150 mm/sec 1200 dots lines/sec. (fastest, print density 100%)																													
<b>Number of print columns (*2)</b>		<table border="1"> <thead> <tr> <th rowspan="2">Font</th> <th colspan="4">Maximum number of characters (columns)</th> <th rowspan="2">Dot configuration (dots)</th> </tr> <tr> <th>83mm</th> <th>80mm</th> <th>60mm</th> <th>58mm</th> </tr> </thead> <tbody> <tr> <td>Font A</td> <td>53</td> <td>48</td> <td>36</td> <td>35</td> <td>12 × 24</td> </tr> <tr> <td>Font B</td> <td>71</td> <td>64</td> <td>48</td> <td>46</td> <td>9 × 17</td> </tr> <tr> <td>Font C</td> <td>80</td> <td>72</td> <td>54</td> <td>52</td> <td>8 × 16</td> </tr> </tbody> </table>		Font	Maximum number of characters (columns)				Dot configuration (dots)	83mm	80mm	60mm	58mm	Font A	53	48	36	35	12 × 24	Font B	71	64	48	46	9 × 17	Font C	80	72	54	52	8 × 16
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<b>Character size (W × H) (*3)</b>		Font A: 1.50 × 3.00 mm Font B: 1.13 × 2.13 mm Font C: 1.00 × 2.00 mm																													
<b>Character type</b>		Alphanumeric, International, PC437/850/852/857/858/860/863/864/865/866/WPC1252/Katakana/Thai code 18																													
<b>User memory</b>		384 Kb (capable of storing user-defined characters and logos)																													
<b>Barcode type</b>		UPC-A/E, JAN(EAN) 13/8 columns, ITF, CODE 39, CODE 128, CODABAR (NW-7), CODE 93, PDF417, QR Code																													
<b>Line spacing</b>		4.23mm (1/6 inch) (changeable using commands)																													
<b>Paper roll</b>	<b>Roll paper</b>	<b>Width</b>	Paper roll: 83+0/-1 mm, 80+0/-1 mm, 60+0/-1 mm, 58 mm+0/-1																												
		<b>Thickness</b>	65 to 75µm (core tube diameter: inner 12 mm/outer 18mm) 75 to 150µ:m (core tube diameter: inner 25.4 mm/outer 32 mm)																												
		<b>Diameter</b>	Φ 83mm or less																												
	<b>Label paper</b>	<b>Width</b>	Liner: 57.5± 0.5mm / 59.5± 0.5mm /59.5± 0.5mm /82.5± 0.5mm Label: 53.5± 0.5mm /55.5± 0.5mm /75.5± 0.5mm /78.5± 0.5mm																												
		<b>Thickness</b>	Label paper: 65 to 85µm, Liner: 60µm or less																												
		<b>Diameter</b>	Φ 83mm or less (core tube diameter: inner 25.4 mm/outer 32mm)																												
<b>Interface</b>		Serial (RS-232C compliant), Parallel (IEEE1284 compliant) USB, USB with hub, powered USB, Ethernet <a href="#">DETAILS</a>																													
<b>Cash drawer kick-out</b>		Supports 2 cash drawers <a href="#">DETAILS</a>																													
<b>External device port</b>		RJ-45, 8-pin connector <a href="#">DETAILS</a>																													
<b>Buffer size</b>		4K bytes / 45 bytes																													
<b>Puppy voltage</b>		DC 24V ± 5%																													

<b>Power consumption</b>	Approx. 45 W (normal printing), 3W (standby)
<b>AC adapter (36AD2, 36AD3)</b>	Rated input: AC 100 to 240V, 50/60 Hz, 150VA Rated output: DC24V, 2.1A By using of Powered USB, no AC adapter is required)
<b>Weight (approx.)</b>	CT-S801S (Built-in power supply type): 2.0kg CT-S801A (AC adaptor type): 1.6kg
<b>Outer dimensions</b>	CT-S801S (Built-in power supply type): 145 (W) × 192 (D) × 148 (H)mm CT-S801A (AC adaptor type): 145 (W) × 192 (D) × 120 (H)mm <a href="#">DETAILS</a>
<b>Operating temperature and humidity</b>	5 to 45 °C, 10 to 90 % RH (no condensation)
<b>Storage temperature and humidity</b>	-20 to 60 °C, 10 to 90 % RH (no condensation)
<b>Reliability *4</b>	Print head life: 150 km, 200 million pulses Auto cutter life: 2 million cuts
<b>Safety standards *5</b>	UL, C-UL, FCC class A, TÜV-Bauart, CE marking, CCC

\*1: When paper width is 83, 80, 60 or 58 mm.

\*2: The number of printable column is selected using a memory switch. The number of columns noted in this table refer to typical models. The number of columns varies depending on specifications.

\*3: Characters appear small because the dimensions include a blank area surrounding each character.

\*4: At normal temperature/humidity, using recommended paper and paper thickness of 65µm.

\*5: Compliant if the Citizen Systems AC adapter (36AD2/36AD3) is used.