Problem Solver

SATO's first truly UNIVERSAL Industrial Label Printer engineered for the most demanding printing applications

**Simple-to-Operate**
- Full Color Interactive LCD
- Videos that Offer Valuable Information on the Printer Operation
- Intuitive Menu Navigation
- Tool Free Maintenance

**Plug-and-Play**
- LTDS (Label Tension Damper System)
- Flexible Media Support - Use Wound In or Wound Out Media
- High Energy Mode Prints on a Wide Variety of Stock Types

**All-in-One**
- Multiple Interfaces Auto Switching
- Competitive Emulations On-board
- Multi-national Language Support

[www.satoamerica.com/CLNX](http://www.satoamerica.com/CLNX)
### GENERAL SPECIFICATIONS / CLNX™ Series

<table>
<thead>
<tr>
<th>PRINTER MODEL</th>
<th>CL4NX - 4&quot; Model</th>
<th>CL6NX - 6&quot; Model</th>
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</thead>
<tbody>
<tr>
<td>Print Resolution</td>
<td>203 dpi (8 dots/mm)</td>
<td>203 dpi (8 dots/mm)</td>
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<tr>
<td>Print Speed</td>
<td>10 ips (254 mm/s)</td>
<td>10 ips (254 mm/s)</td>
</tr>
<tr>
<td>Print Area</td>
<td>Max Width 98.43&quot; (2500 mm)</td>
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<tr>
<td>Media Width</td>
<td>0.98&quot; (25 mm) ~ 5.15&quot; (131 mm)</td>
<td>1.96&quot; (50 mm) ~ 7.00&quot; (180 mm)</td>
</tr>
<tr>
<td>Dimensions</td>
<td>D: 17.99&quot; (457 mm) W: 10.66&quot; (271 mm) H: 12.63&quot; (321 mm)</td>
<td>D: 17.99&quot; (457 mm) W: 13.30&quot; (338 mm) H: 12.63&quot; (321 mm)</td>
</tr>
</tbody>
</table>

### MEMORY & PROCESSING
- **Dual CPU**
  - CPU1: 2GB Flash, 256MB RAM
  - CPU2: 4MB Flash, 64 MB RAM

### USER FRIENDLY SUPPORT TOOLS
- **Large Status LED**
- **Audible Alerts**
  - Adjustable Volume Setting
- **Self Diagnosis**
  - Head Check, Cutter-Cover Open, Stand-by Mode, Auto-Calibration
- **Display Panel**
  - 3.5" Full Color LCD
- **Tool Free Maintenance**
  - Print Head Replacement and Adjustment, Platen Replacement
- **Multi-national Language Support**
  - 47 Printable Languages with Scalable Fonts
  - 31 Languages for LCD Menu

### BARCODE SYMBOLOGIES
- **Barcodes**
  - Linear
- **2D Symbologies**
  - PDF417, Micro PDF, Maxi Code, GS1 Data Matrix, QR Code, Micro QR Code and Composite Symbologies, Aztec
- **User Downloadable Fonts, Graphics or Format**
  - Maximum 100MB

### OPERATING & ENVIRONMENT CHARACTERISTICS
- **Electrical Requirements**
  - Universal Auto-ranging Power Supply, 100-240VAC +/- 10%, 50/60Hz
  - Energy Star - Compliant
- **Standards & Agency Approvals**
  - IEC 60950, CE Marking, EN 60950-1, EN 55022 Class A, EN 55024, R&TTE, NEMKO-GS, cMETUs, UL60950-1/CSA C22.2 No. 60950-1, FCC 15 (SB, C), ICES-003, NMB-003, BIS, C-Tick, RCM, CCC, SRRC, KC, S-Mark (Arg), SIRIM, IDA, PTQC, NBTC, ANATEL
- **Environment**
  - Operating: 32 to 104°F (0 to 40°C), 30-80% RH, Non-condensing, Linerless: 40 to 95°F (5 to 35°C) 30 - 75% RH, Non-condensing
  - Storage: -4 to 140°F (-20 to 60°C), 30 - 90% RH, Non-condensing

### PHYSICAL CHARACTERISTICS
- **Construction**
  - Die-cast Aluminum
  - (Base, Frame, Front Cover, Ribbon Spindle, Print Head Mechanism)
- **Side-cover**
  - Bi-fold for Space Saving with Large Clear Window
- **Secure Mounting**
  - 3 Keyhole Slots on Chassis for Flat or Incline Setting

### COMMUNICATION INTERFACES SPECIFICATIONS
- **Standard**
  - USB 2.0 (Type A, Type B), Ethernet (IPv4/IPv6) on Rear Panel, USB 2.0 (Type A) on Front Panel, RS-232C, IEEE1284, EXT on Standard Interface Board, Bluetooth® Ver. 3.0
- **Optional Wireless LAN Kit (Internal)**
  - Wi-Fi®, Wi-Fi Direct® and CCX® (Cisco®) Version 4 Certified, IEEE 802.11 a/b/g/n, Dual Band (2.4 GHz, 5 GHz)

### FONT SPECIFICATIONS
- **Internal Fonts**
  - 10 Bitmap SATO Fonts, 15 Scalable SATO Fonts, Multi-National Language Support (47 Languages/Unicode), Single and Double Byte Fonts (Korean, Chinese, Japanese)