

All RFID equipped printers have the capability of reading, writing and verifying tags and labels. SATO also offers AEP and SOS software that when paired with the printer provides additional functionality.

RFID Enabled Printers*

SATO offers a wide array of RFID HF and UHF printer options. We can recommend the right solution depending on specific needs and print demand.

✓ **Industrial Thermal Printers**

CL4NX Plus & CL6NX Plus

✓ **Desktop Thermal Printer**

CT4-LX

* Available with RFID module



CT4-LX



CT4-LX

Compact in size, big on performance

- The perfect blend of compact dimensions and powerful performance.

Simplify RFID encoding (UHF model)

- Various types of RFID labels can be supported by dual antennas
- A uniquely designed antenna fitted with a thermal printhead allows direct and exact encoding to small-sized inlays.
- SATO RF Analyze (SRA) function optimizes the antenna and inlay setting automatically for fast and stable encoding.

Easy setting data management

- "Media profile" function allows users to register/save setting information for each label type and enable quick change of information.
- Setting information can be easily backed up and duplicated using USB memory.

UHF RFID

HF+NFC RFID



4" print head



Print resolution

203 dpi (8 dots / mm)

305 dpi (12 dots / mm)



4.3 inch color touch panel



UHF SRA (SATO RF Analyze)



Fast label printing at up to 8"/sec (203 dpi model)



Approx. 2,500-7,000 tags/labels a day

RFID Industrial Thermal Printers

CL4NX Plus



CL6NX Plus



CL4NX/CL6NX Plus

Industrial durability

- Robust, durable printer that can withstand harsh environments such as manufacturing and distribution sites.

Accurate and efficient performance

- High speed data processing up to 14 ips in either 203 or 305 dpi.
- User can clone settings of a product onto a USB memory and apply settings to batch of multiple products for greater efficiency in configuration and management.
- Higher tolerance (+/-0.7 mm) for increased print image accuracy when using small label sizes (<53mm length)
- 600 meter ribbon for 30% more capacity

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UHF RFID

HF+NFC RFID

☐ 4" and 6" print head

☐ Print resolution

203 dpi (8 dots / mm)

305 dpi (12 dots / mm)

609 dpi (24 dots/mm)*

*CL4NX Plus only

☐ 3.5 inch color touch panel

☐ Cutter kit (recommended)

☐ Platen roller visual wear indicator

☐ Approx. 15,000 tags/labels a day

☐ Micro label print mode