

# NCR 7169

Multi-function thermal receipt printer

## Performance , reliability, and versatility — all in a stylish package

### Performance and versatility

Your customers expect excellent service when shopping in your stores, and the checkout is no exception. The NCR 7169's high-speed thermal design prints crisp text at a rate of up to 105 receipt lines per second, with sharp graphics produced in 16 greyscale levels. Just as important, its proven reliability, quick paper loading and 99.9% MICR accuracy will help ensure shopper satisfaction and throughput. The 7169 packs all this performance and outstanding feature set into a good-looking case when mounted separately, but it also can be integrated with NCR terminals. And now with the flexibility of double-byte fonts (and all fonts stored in memory) the 7169 can adapt to meet your changing needs in the future.

### Protects your investment...

The 7169 is purpose-built for harsh, high-volume environments. Its 60-million line printhead and a new auto cutter rated at two million knife cuts will provide years of reliable use. Multiple connection options including auto-sensing USB, serial and Ethernet give future-proof flexibility, while its spill-resistant case helps protect against accidental liquid exposure. Inside, you'll find cable management and guides, anti-jam protection and automatic cutter retraction to prevent damage.

### ...And cuts your costs

The 7169's paper-saving Lean Receipt options are easy to set and can significantly reduce your costs. Automatically adjust receipt formats to reduce white space, top and bottom margins, bar code height and more, and all independently from the POS software. Standby and sleep modes cut your total energy costs, resulting in reliable — and eco-friendly — printing across your front end.



### Outstanding performance — made easy

- Fast: Up to 105 receipt lines per second
- Exceptional receipt quality, crisp 16x grayscale
- Drop-and-Go loading; uses 80 or 58mm thermal rolls
- High-speed check handling; MICR read accuracy 99.9%
- Check flip: Single insertion prints front and back (optnl)
- Multi-colored LEDs for quick error feedback
- Advanced paper-saving options are easy to set
- Paper jam protection and print issue detection
- Two-color printing
- Multiple interfaces for USB, serial and Ethernet
- Advanced local troubleshooting; remote diagnostics
- Thumb drive supports configuration and updates
- Foolproof cable management for reliable installation
- Quick/easy print-head and cutter replacement

# Technical specifications

## Dimensions

- 7.56" (W) x 12.0" (D) x 7.0" (H) — 192mm x 304.5mm x 178mm

## Print type

- Receipt: direct thermal
- Slip: 9-wire impact

## Resolution

- Receipt: 203.2 dpi x 203.2 dpi (8 dots/mm)
- Slip: 72 dpi vertical, 144 dpi horizontal

## Speed

- Receipt: 105 lines / 14 inches (355mm) per second (max)
- Slip: 7 lines per second (300 character/sec at 13.9 cpi)

## Font

- Receipt: 13 x 24 standard / 10 x 24 compressed
- Slip: 10 x 7

## Bar code generation

- Receipt: GS1 DataBar (Omnidirectional/Truncated/ Limited/ Expanded/Stacked), UPC-A, UPC-E, JAN 13 (EAN), JAN 8 (EAN), Code 39, Code 128, Interleaved 2 of 5, Codabar, Code 93, PDF 417, QR Code
- Slip: UPS-A, UPC-E, JAN13(EAN), JAN8(EAN), Code 39, Code 128, Interleaf 2 of 5, Codabar

## Media characteristics — receipt

- Width: 80mm (+ 0.5mm /- 1.2mm) – default
- 58mm (+ 0.0mm / -1.0mm) – optional
- Diameter: up to 83mm
- Thickness – 0.060mm +/- 0.005

## Media characteristics — slip

- Width: 70 – 95mm
- Length: 80 – 222mm
- Thickness: 0.08 – 0.15 m
- Copy Capacity: Original + 4 copies

## Character sets

- Receipt: 95 Alphanumeric, 18 set international, UTF-16 (Unicode)

## Print modes

- Standard, compressed, double high, double width, upside-down, rotated, underline, scalable, bold, superscript, subscript, italic and reverse print, Epson® emulation included

## Interfaces

- USB type A (config/flash) and type B 2.0.  
Options: Ethernet (100 Base-TX/10 Base-T) or Serial (RS-232), Cash drawer (connector supports one or two drawers)

## Memory

- DRAM (User-defined data buffer) – 64KB / Logo buffer – 256KB

## Sensors

- Paper low, paper out, cover open and jam detection
- Black-mark sensor for precise auto-cut positioning
- Check-present sensor ensures proper check media handling
- Thermal print head failure detection
- Auto-cutter/knife jam detection

## Power requirements

- Requirements – 24VDC +/-5%
- Consumption: 16W at 14ips (average receipt length and content)
- Optional power supply (supports 75W and 60W)

## Driver / utility

- Printer API, Virtual COM USB, / PrintAssistant, 71xx Printer OPOS, JavaPOS™ for Windows® and Linux® and Windows Diagnostics, Lean Receipt, Smart Maintenance Utility

## Reliability

- Thermal print head life – 60 million lines
- Auto cutter life – 2 million cuts

## Why NCR?

NCR is a leading technology company that brings unexpected value to every interaction between consumers and businesses. The **#1 global grocery, C-store and drug store POS software and #1 self-checkout provider**, we provide software, hardware and services that run the entire store.

Leading with digital, we help FDMM retailers differentiate, compete and win by connecting every touchpoint into the frictionless, “always on” experience consumers want today, while enabling tomorrow’s innovations. From mobile to brick-and-mortar, from back office to loyalty and beyond, we help retailers bridge their digital and physical operations, transforming transactions into meaningful interactions—no matter where they happen.

NCR continually improves products as new technologies and components become available. NCR, therefore, reserves the right to change specifications without prior notice.

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