

**PRINTRONIX®**  
AUTO ID

# T6000e T6000e RFID

HIGH-PERFORMANCE THERMAL/RFID PRINTER

**SPEED**

**VERSATILITY**

**RELIABILITY**





## The T6000e sets a new standard for productivity and versatility in fast-paced environments where speed, exceptional print quality and advanced features such as RFID are needed.

The T6000e is one of the most versatile printers on the market with the ability to print 10,000 labels a day at record setting speeds, offers high quality 600 dpi printing, and includes a full suite of communication options. A barcode verification option is also available.

The T6000e RFID print/encodes on both standard and on-metal RFID labels and comes with an automated strikeout feature for tags that fail to encode properly.



### ENTERPRISE-LEVEL PRODUCTIVITY

- High-speed printing up to 14 ips
- High volume printing up to 10,000 labels per day in demanding environments
- Compatibility with SOTI Connect device management solution
- Easy setup for RFID labels and tags with backwards compatibility for legacy T6000 RFID applications.
- Ease-of-use and an interactive screen reduces training and down time, helping your business focus on operational productivity



### VERSATILITY

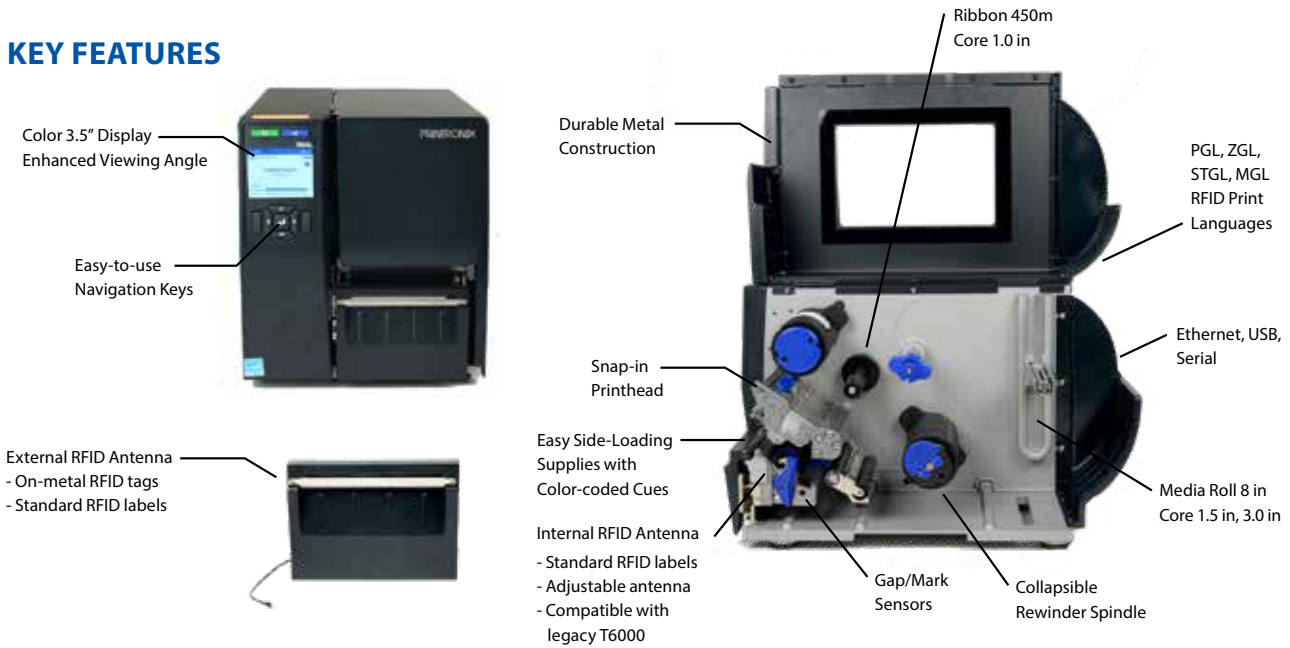
- 600 dpi for high-print quality labels (4" model only)
- RFID print/encodes both standard labels and on-metal tags
- Plug-n-Play operation
- Nine competitor printer languages
- Four RFID printer languages



### RELIABILITY

- Solid metal-framed construction for reliable operation
- Operates in wide temperature range; 23°F to 104°F (-5°C to 40°C)
- Comprehensive WiFi security suite
- Intelligent heat management system increases printhead life and improves print quality while reducing operating costs

## KEY FEATURES



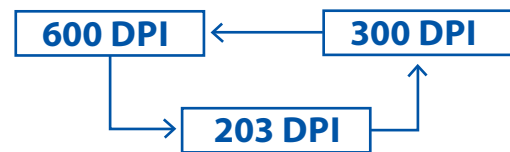
### THE T6000e RFID OFFERS THE SAME BENEFITS AS THE T6000 PLUS ADVANCED RFID FEATURES.

- RFID available in 4" and 6" models
- Encodes and prints on standard RFID paper labels most commonly used in carton or pallet supply chain applications
- Encodes and prints on-metal RFID tags most commonly used in asset tracking applications where the tagged item has a metal surface, such as IT servers, safety deposit boxes, or gas canisters
- Validates encoding process, and automatically overstrikes and reprints any RFID label (or tag) that fails to encode properly
- Records all RFID labels for encoding process, tracks success/failure rates
- Supports all major brands of RFID, inlays and on-metal tags

## 600 DPI

### EXCEPTIONAL 600 DPI PRINT QUALITY

- High resolution text, barcodes and graphics
- Small labels used on PCB assemblies
- Detailed Asian characters
- Available on four inch wide T6000e and RFID
- Interchangeable printhead



### EXCLUSIVE PRINTRONIX SYSTEM ARCHITECTURE ADVANTAGE

#### PRINTRONIX SYSTEM ARCHITECTURE (PSA)

- Drop-in installation with minimal setup
- 9 Printer and 4 RFID native & competitor printer languages
- Configure and manage printer using virtual control panel or embedded webpage
- Save time with printer setup using the Quick-Change Memory Card (QCMC)
- Compatible with SOTI Connect device management solution
- Easy to use large color LCD display with intuitive icon-driven menu
- Full suite of connectivity options & security protocols

#### PRINTNET ENTERPRISE (PNE)

- Remotely troubleshoot & monitor printer status from administrator dashboard
- Push configurations, firmware, or any file to a group of printers or a single printer
- Send automated alerts for printer errors, warnings or fault conditions by email/text
- Use Printer Management to generate production reports
- Remote front-panel lockout to prevent unauthorized users from making changes
- Upward compatibility to support the entire family of Printronix printers
- Commonality across the printer fleet

# T6000e

# T6000e RFID

## SPECIFICATIONS

### PRODUCT BENEFITS

- \* High performance ARM Cortex-A9
- \* Die-cast aluminum frame w/metal door
- \* Transfer and direct printing
- \* 4" and 6" model configurations
- \* Andale & Premium Asian Fonts (Option)
- \* Available in 203 DPI, 300 DPI and 600 DPI
- \* 512MB RAM / 128MB Flash Memory
- \* 4-32 GB SD memory card capability
- \* ENERGY STAR Certified
- \* WiFi 802.11 a/b/g/n/ac (Option)

### PRINTER SPECIFICATIONS

|                      |  |
|----------------------|--|
| Max Print Speed (4") | 14ips @ 203 DPI; 12ips @ 300 DPI, 6ips @ 600 DPI |
| Max Print Speed (6") | 12ips @ 203 DPI, 10ips @ 300 DPI                 |
| Print Method         | Transfer and Direct                              |
| Resolution (4")      | 203/300/600 DPI                                  |
| Resolution (6")      | 203/300 DPI                                      |
| Max. Print Width     | 4.1" (104mm) / 6.55" (166.4mm)                   |
| Printer Memory       | 512MB RAM / 128MB Flash                          |

### MEDIA SPECIFICATIONS

|                          |   |
|--------------------------|---|
| Media Type               | Roll or Fan-Fold Labels, Tags, Paper, Film, Tickets         |
| Min. Media Width (4"/6") | 1" (25.4mm)/2" (50.8mm)                                     |
| Max. Media Width         | 4.5" (114.3mm) / 6.8" (172.7mm)                             |
| Min. Media Length        | 0.25" / 1.0" (Continuous/Tear-Off) / 1.0" (Peel-Off/Cutter) |
| Max. Media Length        | Up to 99"   |
| Media Thickness          | 2.36-11mil (0.06 to 0.268mm)                                |
| Media Roll Core Diameter | 1.5" (37.5mm) to 3.0" (76mm)                                |
| Max. Media Roll Diameter | 8.0" (203.2mm)  |
| Media Sensing            | Gap, Mark   |

### RIBBON SPECIFICATIONS

|                           |   |
|---------------------------|---|
| Ribbon Type               | Wax, Wax/Resin, Resin                         |
| Coating                   | Coated side in/out. RFID coated side out only |
| Min. Ribbon Width (4"/6") | 1" (25.4mm)/2" (50.8mm)                       |
| Max. Ribbon Width (4"/6") | 4.5" (114.3mm)/6.8" (172.7mm)                 |
| Max. Ribbon Length        | 450 Meters                                    |

### MEDIA HANDLING

|          |                                      |
|----------|--------------------------------------|
| Standard | Continuous, Tear-Off Strip, Tear Off |
| Options  | Peel-Off, Cut and Rewind             |

### COMMUNICATION AND CONNECTIVITY/INTERFACE

|                              |  |
|------------------------------|--|
| Standard Interface I/O       | USB Device/Host, Ethernet 10/100 BaseT, Serial Parallel,                         |
| Optional Interface I/O       | WiFi (802.11a/b/g/n/ac), GPIO  |
| WiFi Security Encryption     | WEP 40/128bit, WPA Personal (PSK), WPA2 Personal                                 |
| WiFi Security Authentication | (PSK) Enterprise (AES CCMP)/EAP-TLS, EAP-TTLs, PEAPv0/MS-CHAPv2, PEAPv1, EAP-MDS |

### REMOTE MANAGEMENT

#### SOFTWARE

|                           |   |
|---------------------------|---|
| PrintNet Enterprise Suite | Enterprise Grade Remote Management Solution |
|---------------------------|---|

### PRINTER LANGUAGES

|                       |   |
|-----------------------|---|
| IGP Languages         | PGL/VGL/ZGL/TGL/IGL/STGL/DGL/IEGL/MGL/EGL |
| Job Control Languages | PJL, XML, and PTX-SETUP                   |
| Optional Languages    | IPDS, PDF Level 1.7, Postscript Level 3   |

### BARCODE SYMBOLOGIES

|             |  |
|-------------|--|
| 1D Barcodes | BC-412, Code 11, Code 39, Code 35, Code 93, Codabar, Code128 Subsets A/B/C, Industrial 2 of 5, Interleave 2 of 5, German I-2/5, EAN-8, EAN-13, UCC/EAN-128, UPC-A, UPC-E, UPCSHP, UPS 11, MSI, Matrix 2 of 5, PLESSEY, POSTNET, 4-state PostBar, Australian 4-state, FIM, ITF14, TELEPEN, PLANET, USPS Intelligent Mail, LOGMARS |
| 2D Barcodes | PDF-417, MicroPDF-417, Maxicode, DataMatrix, QR Codes, Aztec, GS1 Databar (RSS-14)   |



Contact your local Printronix Auto ID authorized reseller.



### RFID

|                          |                                    |
|--------------------------|------------------------------------|
| Radio                    | UHF Gen2/ ISO 18000-63 Encoder     |
| Antenna                  | Fixed Position Antenna             |
| Inlays/Tags              | Standard/On-Metal Tags             |
| Minimum Label/ Tag Pitch | 0.625in (15mm)                     |
| On-Metal Tag Thickness   | Up to 1.2mm thick                  |
| Printer Languages        | PGL, ZGL, STGL, MGL                |
| Counters                 | Tracks good/overstruck labels/tags |

### BARCODE VALIDATION

|                             |  |
|-----------------------------|--|
| Online Data Validator (ODV) | Validates, Grade, Report, and Overstrike barcodes<br>Supports 1D Barcodes (Picket Fence) Compatible with RFID encoding |
|-----------------------------|--|

### FONT, GRAPHIC SUPPORT

|                   |  |
|-------------------|--|
| Graphic Formats   | PCX, TIFF, BMP, PNG  |
| Font Technologies | Intellifont, TrueType, Unicode   |
| Standard Fonts    | OCR-A, OCRB, Courier, Letter Gothic, CG Times, CG Triumvirate/Bold/Condensed |

|                                 |   |
|---------------------------------|---|
| Asian Fonts (Optional SD card)  | Simplified Chinese, Japanese, Korean, Thai                |
| Andale Fonts (Optional SD card) | Simplified Chinese, Traditional Chinese, Korean, Japanese |

PDF/ PostScript Level 3

### PHYSICAL CHARACTERISTICS

|                         |                                     |
|-------------------------|-------------------------------------|
| Width (4"/6")           | 10.9" (276.9mm)/14.1" (358.1mm)     |
| Height (4"/6")          | 12.3" (312.4mm)/12.4" (314.9mm)     |
| Depth (4"/6")           | 20.3" (515.6mm)/20.3" (515.6mm)     |
| Printer Weight (4"/6")  | 33.6 lbs. (14.5Kg)/39 lbs. (17.4Kg) |
| Shipping Weight (4"/6") | 42.6 lbs. (18.6Kg)/48 lbs. (21.5Kg) |

### OPERATING ENVIRONMENT

|                       |                                |
|-----------------------|--------------------------------|
| Operating Temperature | 23°F to 104°F (-5° to 40°C)    |
| Operating Humidity    | 10 to 90% RH Non-Condensing    |
| Storage Temperature   | -40°F to 140°F (-40°C to 60°C) |
| Storage Humidity      | Non-Condensing                 |

### POWER REQUIREMENTS

|            |                                      |
|------------|--------------------------------------|
| Line Input | Auto Range 90 - 264 VAC (48 - 62 Hz) |
|------------|--------------------------------------|

### REGULATORY COMPLIANCES

|               |  |
|---------------|--|
| Emissions     | FCC, CE, CCC   |
| Safety        | cTUVus, CCC, CE, BIS, BSMI, EAC, KCC, NOM, RCM, S-MARK |
| Environmental | RoHS, WEEE, Energy Star                                |
| WiFi          | FCC, CE, IC, SRRC                                      |
| RFID          | FCC, CE, ANATEL, ICT, KC, MIC, NCC, SRRC, WPC          |

### OPTIONS AND ACCESSORIES

|                               |   |
|-------------------------------|---|
| * WiFi 802.11 a/b/g/n/ac      | * Rewind 4"/6"                            |
| * Parallel Port               | * Heavy Duty Cutter 4"/6"                 |
| * GPIO                        | * Peel & Present 4"/6"                    |
| * TN5250                      | * Premium Asian Font Cards                |
| * PDF/PostScript              | * Premium Andale Font Cards               |
| * IPDS                        | * QCMC (SD Quick Change Memory Card)      |
| * Online Data Validator (ODV) | * UHF RFID (US 902-928MHz, EU 866-868MHz) |

**PRINTRONIX**  
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