

**PRINTRONIX®**  
AUTO ID

# T6000

HIGH-PERFORMANCE THERMAL PRINTER

**SPEED**

**VERSATILITY**

**RELIABILITY**





## The Powerful T6000 represents the next generation industrial, high-performance thermal barcode printer.

Setting new benchmarks for speed, print quality, validation and reliability, the T6000 is engineered with the singular mission of increasing true productivity and lowering compliance fees. Loaded with advanced features, validation technology, RFID capabilities and the most comprehensive emulation package available, the T6000 delivers supercharged performance for a wide array of applications.



### SPEED

- Stellar quality print at lightning fast speed, clocking in at 14 ips
- Increased productivity at every shift as a direct result of the ARM Cortex-A9 controller, processing barcode data faster than ever before
- Ease-of-Use and an interactive screen reduces training and down time, helping your business focus on operational productivity



### VERSATILITY

- Plug-n-Play in any operational environment, with the ability to be networked via the most comprehensive printer emulations in the industry
- Rugged design allows the T6000 to perform in even the most challenging environmental conditions
- Wide-ranging RFID support for On-Pitch, Short-Pitch and Standard Pitch to handle a variety of applications



### RELIABILITY

- Exclusive validation solutions eliminate expensive compliance fees by producing 100% quality barcodes, 100% of the time
- Comprehensive WiFi security suite featuring the very latest protocols to block unauthorized access and ensure peace of mind
- Intelligent heat management system increases printhead life and improves barcode print quality while reducing operating costs

## REAL WORLD BUSINESS APPLICATIONS THAT GIVE YOU THE EDGE ON YOUR COMPETITORS

- With industry-leading validation technologies like ODV that support the latest compliance labeling requirements your supply chain is now fortified with cutting-edge traceability applications that also eliminate costly compliance fines
- Easy integration in any legacy environment with full provisions for any Warehouse Management System helping you increase uptime and prevent loss of productivity
- Powers through the most rigorous shifts while handling multiple label applications- from 'Pick and Pack' support and cross-docking applications to labels for cases, pallets, packages, shipment slips, invoices, etc.

## POSTSCRIPT/PDF FOR YOUR MOST COMPLEX LABELING NEEDS

- The T6000 is engineered to support all major ERP systems
- Plug-n-Play with native SAP drivers to expand your operational abilities
- Full range of fonts and symbols gives you the tools required to customize your labels to suit your unique application and environment

*SAY GOODBYE TO BAD BARCODES. With compliance fines as high as \$10,000, it is more critical than ever to print clean, readable barcodes. Online Data Validator (ODV) reads every barcode as it's printed. And if there is an error, the printer strikes through the bad barcode and reprints a new one.*

## PRINTNET ENTERPRISE AUTO ID:

- Printronix Auto ID provides a unique remote printer management tool to monitor, configure and support printers from anywhere in the world
- Instant email and mobile phone alerts allow you to mitigate issues or designate events in real-time, maintaining continuous network health and peak performance
- Fully compatible with any Printronix Auto ID product

## GENUINE PRINTRONIX SUPPLIES:

Our commitment to your particular application does not end at your printer. Instead, our promise of reliability continues throughout the life of your application and with every single printout. Genuine Printronix Supplies meet the stringent performance standards required by our printers and ensure optimum performance at every shift, every single day. With extensive manufacturing capabilities and multiple distribution points, our product experts can deliver custom solutions for a wide variety of applications.



# T6000

## SPECIFICATIONS

### PRODUCT BENEFITS

- \* High performance ARM Cortex-A9
- \* Die-cast aluminum frame w/metal door
- \* Transfer and direct printing
- \* 4" and 6" model configurations
- \* Premium Asian and Andale font support
- \* State-of-the-art WiFi connectivity
- \* Available in 203 DPI and 300 DPI
- \* 512MB RAM / 128MB Flash Memory
- \* 4-32 GB SD memory card capability
- \* ENERGY STAR Certified

### PRINTER SPECIFICATIONS

|                         |  |
|-------------------------|--|
| Max Print Speed (4"/6") | 14/12 IPS @ 203 DPI; 12/10 IPS @ 300 DPI |
| Print Method            | Transfer and Direct                      |
| Resolution              | 203 DPI / 300 DPI                        |
| Max. Print Width        | 4.1" (104mm) / 6.6" (168mm)              |
| 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) |
| Max. Media Length        | Up to 99"  |
| Media Thickness          | 2.5 Mil (0.0025") to 10 Mil (0.010")                 |
| Media Roll Core Diameter | 1.5" (37.5mm) to 3.0" (76mm)                         |
| Max. Media Roll Diameter | 8.0" (209mm)   |
| Media Sensing            | Gap, Mark  |

### RIBBON SPECIFICATIONS

|                           |                                 |
|---------------------------|---------------------------------|
| Ribbon Type               | Wax, Wax/Resin, Resin           |
| Coating                   | Coated side in, coated side out |
| 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                      |

### 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) |

### PRINTER LANGUAGE

|                       |   |
|-----------------------|---|
| IGP Languages         | PGL/VGL/ZGL/TGL/IGL/STGL/DGL/IEGL/MGL               |
| Job Control Languages | PJL, XML, and PTX-SETUP                             |
| Optional Languages    | IPDS<br>TN5250<br>PDF Level 1.7, Postscript Level 3 |

### COMMUNICATION AND CONNECTIVITY/INTERFACE

|                        |  |
|------------------------|--|
| Standard Interface I/O | Serial RS232, USB, and Ethernet 10/100Base T   |
| Optional Interface I/O | Parallel, WiFi (802.11a/b/g/n), GPIO   |
| WiFi Security Protocol | WEP 40/128bit, WPA Personal (PSK), WPA2 Personal (PSK) and Enterprise (AES CCMP) EAP-TLS, EAP-TTLs, PEAPv0/MS-CHAPv2, PEAPv1 EAP-MD5 |

### MEDIA HANDLING MODES

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



### BARCODE VALIDATION

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

### RFID

|                            |  |
|----------------------------|--|
| UHF EPC Gen2 / ISO18000-6C | Multi-position RF antenna, Advanced Printer Encoder<br>Firmware encodes and validates Gen2 compliant tags<br>On-Pitch label to 0.625 in (depending on inlay)<br>PGL, ZPL, STGL, MGL language support<br>Counters track good / bad label encoding |
|----------------------------|--|

### OPERATING ENVIRONMENT

|                       |                            |
|-----------------------|----------------------------|
| Operating Temperature | 40 to 104 °F (5 to 40 °C)  |
| Operating Humidity    | 20 - 85% Non-Condensing    |
| Storage Temperature   | 23 to 140 °F (-5 to 60 °C) |
| Storage Humidity      | 5 - 85% Non-Condensing     |

### POWER REQUIREMENT

|            |                                       |
|------------|---------------------------------------|
| Line Input | Auto Range 100 - 264 VAC (48 - 62 Hz) |
|------------|---------------------------------------|

### REGULATORY COMPLIANCES

|                    |   |
|--------------------|---|
| Emissions          | FCC, CE, CCC                                      |
| Safety             | cTUVus, CE, EAC, SABS, RCM, CCC, KCC, S-MARK, NOM |
| Environmental      | RoHS, WEEE, Energy Star                           |
| Radios (WiFi/RFID) | FCC, CE, IC, and others based on market need      |

### BAR CODE 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, UPCSHIP, 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)  |

### FONT, GRAPHIC SUPPORT

|                                 |   |
|---------------------------------|---|
| Graphic Formats                 | PCX, TIFF, BMP, PNG   |
| Font Technologies               | Intellifont, TrueType, Unicode  |
| Standard Fonts                  | OCRA, OCRB, Courier, Letter Gothic, CG Times, CG Triumvirate/Bold/Condensed |
| Asian Fonts (Optional SD card)  | Simplified Chinese, Japanese, and Korean                                    |
| Andale Fonts (Optional SD card) | Simplified Chinese, Traditional Chinese, Korean, Japanese                   |
| PDF/ PostScript Level 3         | 35 Fonts  |

### REMOTE MANAGEMENT SOFTWARE

|                             |   |
|-----------------------------|---|
| PrintNet Enterprise Auto ID | Enterprise Grade Remote Management Solution |
|-----------------------------|---|

### OPTIONS AND ACCESSORIES

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

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[printronixautoid.com](http://printronixautoid.com)

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