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 lighting 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

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.

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.
**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
- 4.3-2GB SD memory card capability
- ENERGY STAR Certified

**MEDIA HANDLING MODES**
- Continuous, Tear-Off Strip, Tear-Off
- Peel-Off, Cut, and Rewind

**COMMUNICATION AND CONNECTIVITY/INTERFACE**
- Transfer and Direct
- 512MB RAM / 128MB Flash

**PRINTER SPECIFICATIONS**
- Max Print Speed (4"/6") 14/12 IPS @ 203 DPI; 12/10 IPS @ 300 DPI
- Print Method
- Resolution 203 DPI / 300 DPI
- Max. Print Width
- Printer Memory 512MB RAM / 128MB Flash

**MEDIA SPECIFICATIONS**
- Media Type
- 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)
- Min. 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" (516.6mm)/20.3" (516.6mm)
- 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)
- Max. Ribbon Width (4"/6") 4.5" (114.3mm)/6.8" (172.7mm)
- Max. Media Length 1.5 Mil (0.0015") to 2.5 Mil (0.0025")
- Weight (4"/6") 10.9" (276.9mm)/14.1" (358.1mm)
- 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)
- Min. Ribbon Length 450 Meters

**PRINTER LANGUAGE**
- IGP Languages PGL/VGL/ZGL/IGL/STGL/DGL/IEGL/MGL
- Job Control Languages XML, PTX-SETUP
- Optional Languages IPDS

**COMMUNICATION AND CONNECTIVITY/INTERFACE**
- Standard Interface I/O
- Optional Interface I/O
- WiFi Security Protocol

**MEDIA HANDLING MODES**
- Standard Continuous, Tear-Off Strip, Tear-Off
- Options Peel-Off, Cut, and Rewind

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**CONTACT YOUR LOCAL PRINTRONIX AUTO ID AUTHORIZED RESELLER.**

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**BARCODE VALIDATION**
- Online Data Validator (ODV) Validates, Grade, Report, and Overstrike bar codes
- RFID Multi-position RF antenna, Advanced Printer Encoder Firmware encodes and validates Gen2 compliant tags

**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 cULus, CE, 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 SYMBOLS**
- 2D Barcodes PDF-417, MicroPDF-417, Maxicode, DataMatrix, QR Codes, Aztec, GS1 Databar (RSS-14)

**FONT, GRAPHIC SUPPORT**
- Graphic Formats PCK, 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
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**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
- TNS250
- PDF/PostScript
- IPDS
- Online Data Validator (ODV)
- UHF RFID (US 902-928MHz, EU 866-868MHz)

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