



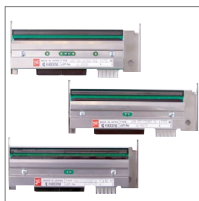
**GT408e** 203 dpi  
**GT412e** 305 dpi  
**GT424e** 609 dpi



**High Performance Industrial Printer | GTe Series**



**Powerful. Intelligent. Reliable.**



Field Installable Printheads for Quick Resolution Changes



Icon-Driven Operating System for Easy Operation



Multi-Function Operation Keys for Flexible Programming



Print Speed Up to 12 ips

**Streamlined Features**

- Industry Leading Throughput
- 4.1" Wide Print Area
- Up to 12 ips Print Speed
- User Changeable Print Resolution (203/305/609 dpi)
- RFID Ready
- Plug-In Interface Modules

**Industry Verticals**

- Automotive
- Food Services
- Distribution
- Government
- Logistics
- Manufacturing
- Wholesale

**Industry Applications**

- Compliance Labeling
- Service Bureaus
- Shipping/Receiving
- Asset Tracking
- WMS
- Logistic Tracking



[www.satoamerica.com](http://www.satoamerica.com)



# GENERAL SPECIFICATIONS

GT408e | GT412e | GT424e

PRINTER MODEL		GT408e	GT412e	GT424e
<b>PRINT SPECIFICATIONS</b>				
<b>Printing Method</b>		Direct Thermal/Thermal Transfer		
<b>Print Resolution</b>		203 dpi (8 dots/mm)	305 dpi (12 dots/mm)	609 dpi (24 dots/mm)
<b>Printing Speed</b>		Up to 12 ips	Up to 12 ips	Up to 6 ips
<b>Maximum Print Area</b>	<b>Width</b>	4.1" (104 mm)		
	<b>Length</b>	98.43" (2,500 mm)	59.10" (1,500 mm)	15.7" (400 mm)
<b>MEDIA SPECIFICATIONS</b>				
<b>Sensor Type</b>		Reflective Sensor (for use with pre-printed marks) Adjustable See-Through Sensor (for die-cut label with gap)		
<b>Media Type</b>		Roll and Fanfold: 0.002" – 0.011" (0.06 mm – 0.268 mm)		
<b>Media Size</b>	<b>Width</b>	0.87" - 5.04" (22 mm - 128 mm)		
	<b>Length</b>	0.24" - 49.17" (6 mm - 1249 mm)	0.24 - 32.8" (6 mm - 833 mm)	
	<b>Thickness</b>	Up to 0.011" (0.268 mm)		
	<b>Outer Diameter</b>	10.43" (265 mm)		
	<b>Core Diameter</b>	1.5", 3" or 4" (38 mm, 76 mm or 102 mm)		
<b>Ribbon</b>	<b>Width</b>	1.56" - 5.04" (39.5 mm - 128 mm)		
	<b>Length</b>	Up to 1476' (450 m)		
<b>MEMORY</b>				
<b>Processor</b>		32-bit RISC		
<b>Flash ROM</b>		6 MB (Main Memory: 4 MB; Font: 2 MB)		
<b>FONT/SYMBOLOGIES</b>				
<b>Fonts</b>	<b>Internal</b>	U, S, M, WB, XS, XU, XM, XB, XL, OUTLINE, OCR-A, OCR-B, WL		
	<b>TrueType</b>	CG Times, CG Univers, Futura, CG Palacio, CG Century Schoolbook, CG Triumvirate Condensed		
<b>Barcode Symbolologies</b>	<b>Linear</b>	UPC-A, UPC-E, EAN-8, EAN-13, Code 39, Code 93, Code 128, Codabar, MSI, Bookland, Industrial 2/5, Interleaved 2/5, Matrix 2/5, Postnet™, GS1-128, GS1-DataBar™		
	<b>2-D</b>	PDF417, Micro PDF417, Truncated PDF417, Maxicode™, Data Matrix, QR Code, Composite Symbology		
<b>INTERFACE CHARACTERISTICS</b>				
<b>Interface Buffer</b>		2.95 MB		
<b>Interface Options</b>		Wireless Ethernet (802.11g), LAN (10/100BaseT), Centronics Parallel, EXT (14pin or 25pin) RS232C, IEEE1284 (ECP Compatible), RS422/485, 802.11G wireless		
<b>OPERATING CHARACTERISTICS</b>				
<b>Power Requirements</b>		100 - 240VAC [Maximum: 200VA/200W (Standby: 62VA/89W)]		
<b>Environment</b>	<b>Operating</b>	32° F – 104° F (0° C – 40° C), 30%-80% RH, non-condensing		
	<b>Storage</b>	23° F – 140° F (-5° C – 60° C), 30%-90% RH, non-condensing		
<b>Regulatory Approvals</b>		FCC Class A, UL, CSA, CE, TÜV, CCC		
<b>Dimensions</b>		17.9" (455 mm) L x 10.7" (271 mm) W x 12" (305 mm) H		
<b>Weight</b>		33.0 lbs. (15.0 kg)		
<b>OTHER</b>				
<b>Firmware Features</b>		Hex Dump, Print Custom Character Design, Sequential Numbering (incl. Barcodes), Form Storage and Recall (for faster data retrieval of complex formats)		
<b>Self Diagnosis Tools</b>		Head Check, Paper End Detection, Ribbon Near-End/End Detection (remaining 49' - 98' detection), Open Cutter-Cover Detection, Auto Sensing for Continuous Forms, Memory Card Error Detection, Test Print		
<b>Optional Accessories</b>		Label Cutter, Label Dispenser, Real Time Calendar/Clock, Linerless Kit		

## SATO AMERICA, INC.

**CORPORATE**  
10350-A Nations Ford Rd  
Charlotte, NC 28273  
Phone: (704) 644-1650  
Fax: (704) 644-1662  
satosales@satoamerica.com

**LABEL MANUFACTURING, SERVICE & SALES**  
**NORTH AMERICA**    **BRAZIL**    **ARGENTINA**  
 Illinois                Sao Paulo        Buenos Aires  
 Florida  
 New Jersey  
 North Carolina

©2013 SATO America, Inc. All rights Reserved. Rev G • Specifications subject to change without notice • Any unauthorized reproduction of this content, in part or whole, is strictly prohibited • SATO is a registered trademark of SATO Corporation and its subsidiaries in Japan, the U.S. and other countries. All other trademarks are the property of their respective owners.