



**CT408i** 203 dpi  
**CT412i** 305 dpi  
**CT424i** 609 dpi



**High Volume Desktop Thermal Printer | CTi Series**



## High Performance Solutions

### Streamlined Features

- 203, 305 or 609 dpi Resolution
- 4MB Flash Memory, Standard
- Thermal Transfer and Direct Thermal
- Up to 6"/sec Throughput
- Anti-Microbial Casing
- Clamshell Design
- Multiple Codepage Support

### Industry Verticals

- Healthcare
- Retail
- Transportation & Logistics
- Trade Show Management
- Manufacturing
- Education & Libraries

### Industry Applications

- Specimen Labeling
- Wristband Printing
- Routing Labels
- Show Badges
- Product Labeling
- Layaway Marking
- Price Markdown



# GENERAL SPECIFICATIONS

CT408i | CT412i | CT424i

PRINTER MODEL		CT408i	CT412i	CT424i
<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>		6 ips (150mm/sec)	4 ips (102mm/sec)	3 ips (76mm/sec)
<b>Maximum Print Area</b>		4.1" (104mm) x 15.76" (400mm) L		
<b>MEDIA SPECIFICATIONS</b>				
<b>Sensor Type</b>		Transmissive sensor for gap, Reflective sensor for I-mark		
<b>Media Type</b>		Label thickness (label + backing liner): 0.003" (0.08mm) to 0.007" (0.19mm)		
<b>Media Size</b>		Minimum 1.10" (28mm) W x 0.71" (18mm) L Maximum 4.65" (118mm) W x 15.76" (400mm) L		
<b>Media Specs</b>	<b>Roll Stock</b>	Maximum Outside Diameter 4.33" (110mm), Wound Face-out Inner Diameter of roll: 1.58" (40mm)		
	<b>Fanfold</b>	Maximum Stack Height 3.94" (100mm)		
<b>Ribbon Size</b>		Maximum Width: 4.37" (111mm) ; Length: 328' (100m); Face-out; Internal Diameter: 0.5" (12.7mm)		
<b>MEMORY/PROCESSING</b>				
<b>Main Memory</b>		Flash memory 4MB		
<b>CPU</b>		32 bit RISC		
<b>COMMUNICATION INTERFACES</b>				
<b>Standard Interface</b>		RS232C + USB2.0 or LAN + USB2.0		
<b>Optional Plug-in Interface Cards*</b>		IEEE 802.11g (Inc LAN), Bluetooth, IEEE1284 *Available for RS232C + USB model only		
<b>FONT/BARCODE SYMBOLOGIES</b>				
<b>Internal Fonts</b>		XU (5x9 dots), XS (17x17 dots), XM (24x24 dots), XB (48x48 dots), XL (48x48 dots) OCR-A (15x22 dots), OCR-B (20x24 dots)   OCR-A (22x33 dots), OCR-B (30x36 dots)   OCR-A (44x66 dots), OCR-B (60x72 dots)		
<b>Barcodes</b>	<b>Linear</b>	UPC-A/E, EAN, CODABAR, CODE 39, CODE 93, CODE 128, UCC/EAN 128, Inter-leaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, MSI, Postnet, Bookland, EAN/UCC symbol		
	<b>2-D</b>	QRCode, PDF 417, MaxiCode, Data Matrix		
	<b>Character Rotation</b>	0°, 90°, 180°, 270° rotation		
<b>OPERATING &amp; ENVIRONMENTAL</b>				
<b>Power Consumption</b>		90 W (at 100 Vac) at 30% Print Density		
<b>Power Supply</b>		Rated Voltage: 100 Vac – 240 Vac +/- 10%, Rated Current: 1.5A Output Voltage: 25Vdc, Output Current: 2 A (current peak: 13A) Frequency: 50/60 Hz		
<b>Environment</b>	<b>Operating</b>	41°- 104° F (5 to 35°C) / 30 to 80% RH (with no condensation)		
	<b>Storage</b>	23°-140° F (-5 to 60°C) / 30 to 90% RH (with no condensation)		
<b>Dimensions</b>		7.8" (198 mm) W x 8.8" (225 mm) H x 7.1" (180 mm) D		
<b>Weight</b>		5.5 lbs (2.5kg) excluding AC adapter		
<b>Antimicrobial Finishing</b>		JISZ2801 (control panel and enclosure)		
<b>Regulatory</b>		Noise (Emission - FCC, EN55022 Class B), Safety (CE, C-UL, TUV, CCC, MIC), HF (EN61000-3-2)		
<b>Safety Standards</b>		UL, CSA, CCC, CE, FCC Class B, MIC, TÜV		
<b>ACCESSORIES &amp; OPTIONS</b>				
<b>Optional Accessories</b>		Cutter, Dispenser		

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