

# Cognitive's C Series Compact Industrial Printers™



**Cognitive's Compact Industrial C Series printers are the next generation of high-performance thermal label printers, ideal for both mid-range and desktop applications. C Series printers deliver exceptional value as high-performance printers with small footprints that are competitively priced and feature a full selection of communication ports.**

## One Printer for Your Entire Enterprise!

### Features

- Rugged and reliable all-metal printer mechanism for continuous printing
- Die-cast metal user interface to withstand harsh environments
- Menu Driven LCD controls for easy set up without a computer (Cxi)
- Full communication suite, including internal Ethernet, serial/parallel and USB ports
- Print speeds at 8 ips (Cxi) and 6 ips (Ci)
- Real time clock standard on every printer
- Fast 32 bit 200 MIPS Processor for fast throughput and incredible first label out speeds
- Large roll capacity for high-volume applications
- Best performance-to-size ratio
- Two-year warranty



## Technical Specifications

### PRINTING SPECIFICATIONS

	2"		4"	
Print Resolutions	203 dpi Standard	300 dpi Optional	203 dpi Standard	300 dpi Optional
Max Print Width	2.118" (53.8mm)	2.205" (56.0mm)	4.094" (104.0mm)	4.153" (105.5mm)
Print Speeds (Cxi)	4-8 ips	2-6 ips	4-8 ips	2-6 ips
Print Speeds (Ci)	4-6 ips	2-6 ips	4-6 ips	2-6 ips
Max Print Lengths	322" (8179mm)	218" (5537mm)	322" (8179mm)	153" (3886mm)
Print Position	±0.0625" (1.6mm) Left and right tolerance			

### MEDIA SPECIFICATIONS

<b>Width</b>	4" Printer (1" – 4.68" / 25.4mm – 119mm) 2" Printer (.5" – 2.84" / 12.7mm – 72mm)
<b>Roll Diameter</b>	7.625" (203mm) Maximum, 8" OD w/adaptor (included)
<b>Indexing</b>	Reflective and transmissive sensors to detect gaps between labels, die-cuts, black-marks, notches, and holes

### RIBBON SPECIFICATIONS

	2"	4"
Ribbon Width		
2" Printer Width	2.4" (61mm) max	
2" Nominal Length:	6500" (165m) max	
4" Printer Width:		4.25" (108mm) max
4" Nominal Length:		5500" (140m) max
Types	Available in Wax, Wax/Resin, and Premium Resin varieties	

### BAR CODES

29 standard bar codes, including: UPCA, ADD 2, EAN 8, 128C, UPCE, ADD 5, EAN 13, CODE128, UPCE1, CODE 39, PLESSEY, EAN128, POSTNET, I 2OF5, 128A, CODABAR, Maxicode mode 0, CODE 93, 128B, MSI, PDF417, DataMatrix, QR Code, Aztec, UPCA+, MSI1, S20F5, D20F5, RSS

### FONTS

<b>Bitmapped</b>	7 styles with up to 10x10 magnification, variable boldness and spacing
<b>International AGFA Fonts</b>	Sans-serif font in 7 pt. sizes, up to 4x4 magnification, variable boldness and spacing
<b>Scalable</b>	3 ultra font styles for smooth characters in any smooth Fonts size and boldness
<b>Rotations</b>	0, 90, 180, 270 degrees
<b>GRAPHICS Features Formats</b>	Ability to upload and recall bmp and pcx
<b>MEMORY SDRAM Flash</b>	16 MB SDRAM memory 8 MB for firmware and stored objects

### COMMUNICATIONS

Parallel Interface	Centronics compatible parallel interface (requires cable)
Serial Interface	Serial RS-232 (requires cable)
Software	Configurable baud rate (1,200 – 115,200 baud), parity, and data bits. Stop bits at 1 or 2 (XON/XOFF) or hardware (DTR/DSR) communication handshake protocols
USB	2.0 compatible interface
Ethernet	10/100 Base-T interface

**ELECTRICAL** Auto-ranging 90-264VAC, 24VDC 150W power supply

### ENVIRONMENTAL

**Operating** 41° to 104°F (5° to 40°C)  
20% to 85% non-condensing R.H.

### PHYSICAL CHARACTERISTICS

Characteristic	2" Cxi Printer	4" Cxi Printer
Height	7.1" (181mm)	7.1" (181mm)
Width	5" (127mm)	6.9" (175mm)
Depth	10.04" (255mm)	10.04" (255mm)
DT Weight	5.02 lbs	5.91 lbs
TT Weight	5.23 lbs	6.10 lbs

### OPTIONS & INCLUSIONS

Included with Printer	CD including: Windows Driver NiceLabel SE label design software sample label rolls USB Cable Ethernet 10/100 BaseT interface 8" OD Roll adapter
Optional	thermal transfer printing 300 dpi Thermal Transfer

### WARRANTY

**Printer** 24 months from date of purchase (requires registration and excludes printhead)  
**Print head** 6 months or 500,000 inches using Cognitive's approved media



C Series – A Perfect Stand Alone Application

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PRINTING INTELLIGENCE

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