

# Cognitive

## *Blaster* ADVANTAGE™



## Desktop series

### Smart Design

Advanced firmware and a leading edge microprocessor enable lightning fast thermal printing. Blaster Advantages are reliable performers for printing dark, easily scannable bar codes, including PDF417 and Maxicode. Flash memory allows long term storage of multiple graphics, label formats, or user fonts. Every printer includes free label design software and documentation, giving the performance of a big box printer in a size smaller than a bread box.

### Rugged and Rel iabl e

The Blaster Advantage is the only printer in its price class with the exclusive, rugged metal print mechanism that provides "big box" thermal printer performance and a very small footprint. Like all Cognitive printers, Advantage printer memory can store multiple graphics, label formats, or user fonts for the fastest print speeds. For years, thousands of Blaster Advantages have proven themselves in countless applications, from retail to industrial.

**Cognitive**

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# Blaster ADVANTAGE™

## Technical Specifications

Model	Bx242003	Bx422003	
<b>Print</b>	Technology (x)	D - Direct Thermal T - Thermal Transfer	D - Direct Thermal T - Thermal Transfer
	Width (max)	2.2" / 56mm	4.1" / 104mm
	Length (max)	40", 1016mm at 203 dpi 160", 4,064mm at 101 dpi	20" 513mm at 203 dpi (300 dpi optional) 80" 2,032mm at 101 dpi
	Speed (max)	3 ips 76mm/sec	3 ips 76mm/sec
	Resolution	Selectable 101 or 203 dpi	Selectable 101 or 203 dpi
	<b>Media</b>	Width	1" - 2.4" / 25 - 61mm
Roll Diameter		4.7" / 119mm	4.7" / 119mm
Ribbon Length		3150" / 80m (BT models only)	3150" / 80m (BT models only)
Indexing		Black bar, notch, and gap	Black bar, notch, and gap
<b>Bar Codes</b>	Types Supported	21 standard bar codes, including: Add2, Add5, Codabar, Code16K, Code39, Code93, Code128A/B/C, D2of5, I2of5, S2of5, EAN8/8+, EAN13/13+, EAN128, Maxicode, MSI/I1, PDF417, Plessey, Postnet, UPCA/A+/E/E1	
<b>Fonts</b>	Bitmapped	7 styles with up to 10 x 10 magnification, variable boldness and spacing	
	AGFA Fonts	Sans-serif font in 7 pt. sizes, up to 4 x 4 magnification, variable boldness and spacing	
	Scalable Smooth Fonts	3 Ultra Font styles for smooth characters in any size and boldness	
	Rotations	0, 90, 180, 270 degrees	0, 90, 180, 270 degrees
<b>Graphics</b>	Features	Foreground and background logos and graphics	
	Formats	PCX, BMP	PCX, BMP
<b>Memory</b>	RAM	512KB	512KB
	Nonvolatile	512KB +2MB and 4MB options	512KB +2MB and 4MB options
<b>Communications</b>	Standard	Serial or parallel	Serial and parallel
	Ethernet	Internal option	Internal option
<b>Electrical</b>		100, 120, or 230 VAC, 50/60Hz	100, 120, or 230 VAC, 50/60Hz
<b>Environmental</b>	Operating	41°F to 104°F 5°C to 40°C	41°F to 104°F 5°C to 40°C
	Storage	-4°F to 122°F (-20°C to 50°C), 25-85% non-condensing RH	
<b>Dimensions</b>	Width BT	5.0" 127mm	6.8" 173mm
	Width BD	4.7" 119mm	6.8" 173mm
	Height	6.1" 155mm	6.1" 155mm
	Depth	9.4" 238mm	9.4" 238mm
<b>Weight</b>	BT	3.9 lbs 1.77kg	4.4 lbs 2.0kg
	BD	3.1 lbs 1.41kg	3.9 lbs 1.77kg
<b>Accessories</b>	Supplied	Quick Start Guide, power supply, CD including: Windows drivers, programmer's guide, label design software, inControl software	
	Optional	Communications cables, annual service contracts, label dispenser, label cutter, 2MB and 4MB Flash memory expansion, Ethernet connectivity, real-time clock, Kanji character set	
<b>Typical Printhead Life</b>		2,000,000" 50km	2,000,000" 50km

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For additional information about Cognitive products, contact the addresses below or visit our web site at [www.cognitive.com](http://www.cognitive.com)

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