Printronix P7000 Cartridge Series of Line Matrix Printers

Technical Specifications

Printer Features by Model

	Open Pedestal P7005 P7010 P7015 P7000HD	Zero Tear P7005ZT P7010ZT P7015ZT P7000HDZT	Cabinet P7205 P7210 P7215 P7220 P7200HD	Cabinet with SureStak Power Stacker Option
Standard				
Integrated Print Management	●	●	●	●
Ribbon Life Monitor	●	●	●	●
Options				
SureStak Power Stacker			● *	Standard *
Black Back Forms Paper Out Sensor	●	●	●	●
Rear Slide Out Paper Drawer			● †	Standard
Cabinet Front Paper Access			● ‡	
Extended Forms Support Doors			●	●
Front Paper Tray	●	●		
Low Rear Paper Tray	●			
High Rear Paper Tray	●	●		
Acoustic Shroud	●			

Dimensions

	Open Pedestal	Zero Tear	Cabinet	Cabinet with SureStak Power Stacker Option
Height	36″ (914mm)	42.5″ (1067mm)	41″ (1029mm)	41″ (1029mm)
Width	26″ (660mm)	26″ (660mm)	27″ (686mm)	27″ (686mm)
Depth	21″ (546mm)	21″ (546mm)	29″ (737mm)	33″ (838mm)
Printer Weight	114 lbs. (52kg)	130 lbs. (59kg)	209 lbs. (95kg))	240 lbs. (109kg)
Shipping Weight	165 lbs. (75kg) Not including Rear Tray	180 lbs. (82kg)	264 lbs. (120kg)	300 lbs. (136kg)

Environmental
Acoustic Noise (dBA)
(per ISO 7779)

Open Pedestal	Zero Tear	Cabinet
P7005 - 62	P7005ZT - 66	P7205 - 50
P7010 - 65	P7010ZT - 70	P7210 - 50
P7015 - 68	P7015ZT - 70	P7215 - 52
P7000HD - 68	P7000HDZT - 70	P7220 - 55
		P7200HD - 55

Print Speed

	P7000HD P7000HDZT P7200HD	P7005 P7205 P7005ZT	P7010 P7210 P7010ZT	P7015 P7215 P7015ZT	P7220
	Inches per Minute	**Lines Per Minute, Upper Case Characters, Lower Case Characters**			
High Speed		500/428	1000/856	1500/1289	2000/1700
Data Processing		375/300	750/600	1125/900	1500/1200
Near Letter Quality		200/154	400/306	600/459	800/615
180 x 180	79**				
120 x 120	165**				
90 x 180	147**				
90 x 120	200**				
90 x 90	236**				

Graphics Speed

		Inches Per Minute		
60 x 48 dots per inch	63	125	187	250
60 x 72 dots per inch	42	83	127	167
90 x 96 dots per inch	21	42	61	83

Paper Feed Speed

		Inches Per Second			
	32	12	20	25	38.5

Graphics Resolution

Maximum	180 x 180	180 x 144	180 x 144	180 x 144	180 x 144
Minimum	90 x 90				

Dot Size

	11 mil	16.7 mil	16.7 mil	16.7 mil	16.7 mil

* SureStak PowerStacker not available with P7205
† Standard with Power Stacker
‡ Not compatible with Rear Slide Out Paper Drawer or SureStak Power Stacker
** Specification is based on 25% vertical page density, meaning print image exists on 25% of the available vertical dot rows. If the vertical coverage is higher or lower, the speed will decrease or increase proportionally. The width of the image has no affect on print speed.

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Character Pitch	Characters per inch for P7000 models: 10, 12, 13.3, 15, 17.1, 20 (except Near Letter Quality for 20 pitch)		
Line Spacing	Lines per inch for P7000 models: 6, 8, 10.3, n/72, n/216		
Emulations	**Standard:** P7000: LP+ (Printronix P-Series, P-Series XQ, Serial Matrix, IBM ProPrinter III XL, Epson FX-1050) **Optional:** P7000: ANSI, IPDS, PCL 2, DEC LG, TN5250/TN3270		
Communication Interface	**Standard:** RS232, Parallel: IEEE-1284, Centronics **Optional:** P7000: Ethernet 10/100 Base T, Wireless 802.11 b/g, Coax/Twinax, RS422, Data Products adapter P7000HD: Ethernet 10/100 Base T, Wireless 802.11 b/g		
Graphics	P7000: PGL/VGL		
Resident Character Sets	P7000: P7000: 99 plus character sets including ECMA Latin 1, DEC Multinational, IBM Code Page 437 and 850, OCR A, OCR B, UTF8 encoded Unicode		
Print Attributes	P7000: Bold, italic, double wide, double high, overstrike, underline, subscript and superscript P7000HD: Full graphics capability to accurately reproduce TrueType™ fonts down to 6 point, along with lines, logos, limited gray scale shading and bar codes		
Fonts	P7000: NLQ Serif, NLQ Sans Serif, Data Processing, High Speed, OCR A, OCR B		
Resident Bar Codes	P7000: 30 resident symbologies, including Code 39, EAN 8/13, UPC A/E, Intelligent Mail, Postnet, Royal Mail, Interleaved 2 of 5, PDF 417		
Printer Software and Drivers	P7000 and P7000HD Series: Printronix PrintNet Enterprise remote management software, SAP device support Microsoft Window XP/Vista/2003/2008/7		

Power Wattage

P7205/P7005/P7005ZT	175 Watts	P7215 / P7015 / P7015ZT	390 Watts
P7210/P7010/P7010ZT	260 Watts	P7220 / P7000HD / P7200HD / P7000HDZT	475 Watts

Power Wattage (energy saving mode)	Less than 14 watts (energy saving mode)
Power Voltage Line	Auto Ranging 100-120 VAC, 200-240 VAC, 50/60 Hz (+/-10%)
Environmental Advantage	ENERGY STAR® qualified improved handling of recycled paper, faster power-up from sleep mode than laser printers
Operating Temperature	Environmental Operating Temperature 50° to 104° F, 10° to 40° C

Media Types P7000ZT & P7000HDZT Series

Forms:	Thickness:	Up to .64mm thickness or maximum weight of 163 g/m²		
	Length:	76mm to 305m		
	Width:	152mm (6") min		
		305mm (12") max*	432mm (17") max*	*Maximum is a function of paper types.
Copies:	Carbon Multipart:	4 copies	3 copies	
	Carbonless Multipart:	6 copies	4 copies	
	Single Part:	67.7 g/m²	75.2 g/m²	

Media Types P7000 & P7000HD Series

Thickness:	163 g/m² up to .64mm thickness
Width:	76mm to 432mm
Copies:	Up to 6 parts

Forms Handling P7000 & P7000HD Series

Type:	Continuous, fan folded, edge-perforation
Paper Path:	Straight through paper path with easy-load dual adjustable tractors
Paper Feed:	Bottom feed
Forms:	Control 14 and 12 channel electronic vertical format unit, paper-out detector and alarm, paper motion detector and alarm
Print Width:	13.6" (345mm)

MTBF	Hours at 25% duty cycle and 25% page density: P7000HD P7200HD, P7000HDZT, P7220 - 8,000 hours; All other models - 10,000 hours.
Genuine Printronix Cartridge Ribbons - P7000	Standard Life: 17,000 pages; Offers lower purchase price per ribbon plus the convenience of ordering in smaller quantities for moderate use environments. Extended Life: 30,000 pages; Offers the lowest total cost of printing and longest ribbon life for the highest productivity. Ideal for high volume report and label printing. * Not compatible with 500 LPM printer models.
Genuine Printronix Cartridge Ribbons P7000HD	Extended Life: 30,000 pages; Developed to handle the unique challenges of high definition printing. The formulation delivers a sharper, darker image for an extended life.

PRINTRONIX®

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