

Direct Thermal Print POS Receipt Printers Comparative Specifications

Features & Functions	Series 4200	Series 6200
POS Terminal Interfaces	(3) Models	(2) Models
Parallel I/O	4210	n/a
Serial I/O	4220	n/a
USB I/O	4230	n/a
USB+Parallel I/Os	n/a	6210
USB+Serial I/Os	n/a	6220
Print Method	Direct thermal	Direct thermal
Paper Roll Designation	2 1/4" / 58mm thermal paper	3 1/8" / 80mm thermal paper
Print Speed/Paper Feed (max)	100mm per second (paper feed 33-lines per second)	250mm per second (paper feed 90-lines per second)
Paper Auto-cutter	n/a	Full, partial, no-cut. Tare-off paper by serrated bar when cutter is off.
Emulation	ESC/POS command support	ESC/POS command support
Print Color	Receipts print in black monochrome high resolution. Set to halftoning for gray shading & simulated 2 color.	Receipts print in black monochrome high resolution. Set to halftoning for gray shading & simulated 2 color.
Cash Drawer Interface		
Control	1 cash drawer. Open before or after printing. Do no open.	1 & 2 cash drawers. Open before or after printing. Do no open.
Connector Port	6P6CRJ12(M) Jack	6P6CRJ12(M) Jack
Power Output	Activates 12V/1A drawer release solenoid	Activates 24V/1A drawer release solenoid.
Recommended Cash Drawers	All Models in all JAY Cash Drawer Series that have 12V drawer release.	All Models in all JAY Cash Drawer Series that have 24VDC drawer release.
Print Basics		
Print Resolution / Density	8 dots mm	8 dots mm
Print Width	48mm	72mm
Print Dots per Line	384 dots per line	576 dots per line
Print Attributes	Enlarge, bold font, underline, space, etc.	Enlarge, bold font, underline, space, etc.
Print Barcodes	125, UPC-A & E, EAN-8 & 13, CODABAR, CODE11, 39, 93, 128, MSI.	UPC-A & C, EAN-13 & 8, CODE39, 93, 128, CODABAR, ITF.
Print Graphics	Coupon, label, ticket, graph, etc.	Coupon, label, ticket, graph, etc.
Print Black Mark	n/a	Programmable functions in conjunction with sensor detection.
Character Code Set	ASCII, 12x24 dots	ASCII, 12x24, 9x17 dots
Characters Per Line	42	48, 64
Paper Handling		
Paper Loading	Easy drop-in with auto feed	Easy drop-in with auto feed
Paper length (max)	Set to: 210mm, 267mm, 3275m	Set to: 210mm, 267mm, 3275m
Copy Count	Set quantity up to 9 copies.	Set quantity up to 9 copies.
Paper removable (take-off)	Tare-off paper manually by serrated tare bar	Cuts paper w/ chit. Tare-off paper by serrated bar w/ auto-cutter off.
Paper End / Near-end Detection	n/a	Black-mark paper end auto-detection with buzzer alert
Overheat Protection	Over-heat, halt-on protection limiter protects the print head	Over-heat, halt-on protection limiter protects the print head
Vertical Operation	n/a	Supported
Paper Roll Basics		
Type	Direct thermal	Direct thermal
Width (max)	57.5 ± 0.5mm	79.5 ± 0.5mm
Diameter (max)	80mm	80mm
Thickness	0.06 to 0.07mm	0.06 to 0.07mm
Electronics / Memory		
CPU	8-bits	32-bits
Receipt Data Buffer	8KB	8KB
Logo NV Memory	n/a	64KB, Program & save up to 9-Logos Cash Drawer Options
Reliability / Life Span		
MCBF (mean cycles between failure)	50,000,000	60,000,000
Auto-cutter	n/a	1,500,000 cuts
Thermal Mechanism	15,000,000	15,000,000
Other		
Housing	Exclusive, Black, ABS w/ JAY Logo, Specification & Serial # Labels	Exclusive, Black, ABS w/ JAY Logo, Specification & Serial # Labels
Operating Conditions	Temperature: 5°C~50°C / Humidity: 10%~80%	Temperature: 5°C~50°C / Humidity:10%~80%
Power Input	110~240V ±10%, 50~60Hz / 2.5A	110~240V ±10%, 50~60Hz / 2.5A
Size	135mm w x 210mm h l x 126mm h / 5.3" w x 8.3" l x 5.0" h	145mm w x 195mm l x 148mm h / 5.7" w x 7.7" l x 5.8" h
Weight	1.0 kg / 2.2 lb	2.3 kg / 5.1 lb
In Box with Printer	IFC, AC/DC Power Supply & Cord, Paper Roll, Manual	IFCs, AC/DC Power Supply & Cord, Paper Roll, Back I/O Cover, Manual
Printer Driver Software v1.1	Exclusive JAY Brand Printer Driver Software v1.1 is developed & supported. Software supports Microsoft Windows Operating Systems: XP-32bit SP3 (MS supported through 4/14/14); Vista-32bit/64bit SP2; 7-32bit/ 64bit SP1; 8-32bit/64bit; 8.1-32bit/64bit.	
Warranty	Exclusive JAY Brand Lifetime Limited Warranty extends to products that are used under normal operating conditions for the purpose intended.	

Click on Printer Model Number to open individual printer web page for pricing, etc