

Epson Kiosk Series

Printers



Epson's Kiosk Series printers print on a wide range of thermal paper stocks, and offer the fastest, most versatile printer and presenter systems for outdoor and indoor kiosks.

If you're looking for the best in thermal printing presentation, ease of installation and service—at a great price—look no further than the Epson Kiosk Series printers.

- Best in class components
- Fast printing speeds up to 6 ips (inches per second)
- Designed to print and cut paper 58–114mm wide, 2.2–7.2mm thick
- The EU-T500 series offer the reverse friction-feed retractor for confidential receipts
- Upgradeable firmware and interface options
- Rugged enough for both indoor and outdoor environments
- Wide range of cost-effective service options

Epson Kiosk Series printers offer easy drop-in paper loading even for the largest paper rolls.



Modular design, superior components

Is your kiosk tall, short, wide or narrow? Do you need a large paper roll or to print thick tickets? Do you have specific requirements for receipt retraction capabilities? No matter what your needs, Epson uses modular components to build a kiosk system that's perfect for your unique application. For more than 30 years, our kiosk printers have proven themselves to be reliable workhorses in both outdoor and indoor environments.

The best in system compatibility

Epson Kiosk Series printers offer plenty of non-volatile memory for graphics and logos, network-upgradeable firmware for centralized maintenance and upgrades, Windows®, Linux and NT drivers, serial, parallel and USB interfaces all with standard connections and modular expansion capability through daughter board options.

Exceptional design services

Epson Design Services offer a full range of consulting, design and engineering services to help you bring your kiosk project to market. These services include full 3D Pro-E renderings that let you see the details, and rapid prototyping for electronics, firmware, SLA cases and metal work.

High-volume manufacturing

Whether you need 100 printer systems or 100,000, Epson can handle your order with ease and efficiency. To make sure your printers reach your manufacturing facilities on time, we offer complete integration and logistics control. We can build custom circuit boards with firmware unique to your kiosk application, manage all testing and safety certifications and provide high-volume manufacturing.

Epson Kiosk Series Printers

Kiosk Specifications		EU-T400 Series	EU-T500 Series	
General	Description	Multifunction Thermal Kiosk Printer		
	Dimensions (W x D x H)	7.7 x 6.7 x 11.8 inches (6 inch roll) 7.7 x 6.7 x 13.8 inches (8 inch roll)	6.9 x 20.5 x 10.4 inches	
	Weight	3.9kg (8.6lbs)	6kg (13.2 lbs)	
	Power input	24 vdc (12 vdc option)		
	Construction	All steel chassis and high quality components		
	Environmental	0–50 deg C, 10–80% operating temperature and humidity		
	Reliability	300,000 receipts	600,000 receipts	
	Certification	CSA/TUV/UL/CE		
	Printer	Printing speed	150mm/sec (5.9 inches/sec.)	
		Paper widths	80mm (3.1 inches) standard, widths from 58mm–114mm available	80mm (3.1 inches) standard, 82.5mm available
Paper thickness		60–120um (2.4–4.7 mils) with loop, to 183um (7.2 mils) with no loop in presenter	60–90um (2.4–3.5 mils) with loop and retractor, to 183um (7.2 mils) with no loop in presenter or retractor	
Number of dots		640 dots–80mm to 82.5mm, 850 dots–114mm	640 dots–80mm to 82.5mm	
Dot density		8 dots/mm (203 dpi)		
Electrical		Head motor: 24 vdc ±10%, Circuit 5vdc ±5% (supplied by board) 12 vdc option, print speed control for low power consumption mode		
Sensors		Paper end, back mark: Photosensor/Platen open, cutter blade position: Micro-switch/Print head temperature: Thermresistor		
Reliability		Mechanism (MCBF): 37 million lines/Thermal head: 100km/100 million pulses/Autocutter: Exceeds 1.0 million cuts		
Control Board		CPU	32-bit 20 MHz Toshiba TMP 94 Series	
		Firmware	4 Mbit flash ROM, host or network upgradeable	
	User memory	192k usable for non-volatile for downloadable logos and special characters		
	Thermal	Historical control		
	Print head	Semi-automatic loading or paper feed switch, back feed switch feature to allow easy change of paper		
	Paper feed	Epson industry standard ESC/POS®, WIN 95/98/2000, NT 4.0, Linux and exclusive		
	Software compatability	Windows Status Monitor Program (API)		
	Interfaces	RS-232 to 38 kbs (DB-9 connector), IEEE 1284 bi-directional parallel (Centronics connector), optional USB interface		
Presenter	Method and direction	Bi-directional, friction feed loop presenter		
	Speed	150mm/sec (5.9 inches/sec)		
	Length to be presented	3.0–24.0 inches with loop guide feature 3.0–118.0 inches with unrestricted loop	3.0–9.0 inches standard, 3.0–112.0 inches with unrestricted loop	
	Sensors	Presenter open, paper eject (presence), cut sheet presence		
Retractor	Method and direction	na	Friction feed loop presenter one way retract	
	Speed	na	150mm/sec. (5.9 inches/sec.)	
	Length to be retracted	na	4.0–9.0 inches cut sheet stacker, (no restriction for drop method)	
	Receipts retracted	na	100 cut sheets stacked (65um paper)	
	Sensors	na	Paper retract (1), Cut sheet stack (2) and (3), Paper path change sensor	
	Life (MCBF)	na	148,000 retracts	
Paper Supply	Maximum roll size	8 inch diameter	25.4cm (10 inches) diameter	
	Paper loading	Tilt front load	Side load mandrel	
	Sensors	Adjustable near-end photo sensor, optional 2nd near-end sensor for extra paper control	Adjustable near-end photo sensor	
	Delete option	Board, printer and presenter available without paper supply		