

ENTRUST DATACARD™ SIGMA DS1 CARD PRINTER COMPETITIVE COMPARISON



	Entrust Datacard™ SIGMA DS1	Evolis Zenius (Classic)	HID C50	Zebra ZC100	Magocard Pronto
General					
MSRP*	\$1,727	\$1,250	\$1,727	\$1,595	\$1,495
Printer/Printhead Warranty	36 months	24 months	24 months	24 months	24 months
Print Resolution	300 dpi High Resolution: 300x600 300x1200	300 dpi	300 dpi	300 dpi	300 dpi
Print Technology	Dye-sublimation/ Resin thermal transfer	Dye-sublimation/ Resin thermal transfer	Dye-sublimation/ Resin thermal transfer	Dye-sublimation/ Resin thermal transfer	Dye-sublimation/ Thermal rewritable
Print Options	Single Sided	Single Sided	Single Sided	Single Sided	Single Sided
Connectivity	USB and Wi-Fi (Field upgrade)	USB and Ethernet (Factory Option)	USB	USB (Factory Option) Ethernet and WiFi	USB
Operating Systems	Windows® 10 (32/64 bit), 8.1 (32/64 bit), Windows Server 2016 - 64-bit	Windows® 10, 8, 7, Vista, XP SP3 (32/64 bit), Mac OS X (10.5 onwards), Linux	Windows® 10, 8, 7, Vista, XP, (32/64 bit), Windows Server® 2012, 2008, 2003, MAC OS X (10.5/10.6/10.7/10.8/10.9/10.10), Linux	Windows® Server 2008, 2010, 2016 (32 and 64bit) Windows® 7, 8, 8.1, 10 (32 and 64 bit) Linux Ubuntu 16..X (64 bit) MAC OS X 10.16 X (64 bit)	Windows® 10, 8.1, 7, Vista, XP (32/64 bit) Windows Server® 2016, 2012, 2008, 2003 R2 SP2 (32/64 bit), MAC OS X (10.9 upwards), Linux
Physical Characteristics					
Dimensions (HxDxW)	17.4 X 8.9 X 9" (44.2 X 22.6 X 22.9 cm)	7.68 x 12.4 x 8.07" (19.5 x 31.5 x 20.5 cm)	8.8 x 7.9 x 13.7" (22.4 x 20.1 x 34.8 cm)	10.2 x 6.2 x 15.1" (25.8 x 15.7 x 38.3 cm)	9.1 x 10.6 x 8.4" (23.3 x 27 x 21.5 cm)
Weight	11.3 lbs (5.13 kg)	7.3 lbs (3.3 kg)	7.5 lbs (3.4 kg)	8.6 lbs (3.9 kg)	9.7 lbs (4.4 kg)
Speed					
Up to: Cards per Hour - Color single-sided	175 cph	120 - 150 (Single-Sided)	150	150 cph	102 (Single-Sided)
Up to: Cards per Hour - Monochrome single-sided	660 cph	400 - 500 (Single-Sided)	514	700 cph	514 (Single-Sided)
Cards					
Card Thickness	0.01 - 0.04" (.25 - 1.016mm)	0.01 - 0.03" (0.25 - 0.76 mm)	0.009 - 0.04" (0.229 - 1.02 mm)	0.01 - 0.04" (.25 - 1.016mm)	0.02 - 0.04" (0.51 - 1.02 mm)
Card Size	CR-80, CR-79	CR-80	CR-80, CR-79	CR-80, CR-79	CR-80, CR-79
Card Input Hopper Capacity	125	50	50	100	NA
Card Output Hopper Capacity	25	20	30	100	NA
Reject Hopper Capacity	NA	NA	NA	NA	NA
Card Type	PVC with glossy laminate surface, select key fob, Datacard® StickiCard™ adhesive-backed plastic, Translucent cards that meet ISO7810 IR opacity. PETG and PVC varnished cards or matte/satin finished cards must be tested for compatibility and durability.	PVC, composite PVC, PET, ABS, special varnished	PVC, finished PVC, optical memory, rewrite	PVC and PVC composite	PVC, mag stripe, smart, self-adhesive, rewritable, HoloPatch
Options					
ISO Magnetic Stripe Encoding	Yes	No	No	Yes	Yes
Single Wire Smart Card Support	No	No	No	No	N/A
Contact Smart Card Encoding	No	No	No	No	Yes
Contactless Smart Card Encoding	Yes	No	No	Yes	Yes
Encryption	Yes	No	No	Yes	No
Locks	No	No	No	Yes (Manual Only)	No

All data is believed to be current as of July 2020.

*Competitive offering based on information available.

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