


ENTRUST CR805™ CARD PRINTER COMPETITIVE COMPARISON											 ENTRUST	
	Entrust CR805™ Card Printer	Fargo HDP8500	Fargo HDP5600	Fargo HDP5000	Evolis Avansia	IDP WISE-CX80	Magiscard Helix	Matica XID8300	Matica XID8600	Nisca PR-C201	Toppan CP500	Zebra ZXP Series 9
GENERAL												
MSRP	\$4,195 (Simplex) \$5,195 (Duplex)	\$9,995 (Duplex)	\$4,440 (Simplex) \$5,440 (Duplex)	\$3,995 (Simplex) \$4,995 (Duplex)	\$5195 (Duplex)	\$4390 (Simplex) \$5290 (Duplex)	\$4395 (Simplex) \$4995 (Duplex)	\$4595 (Simplex) \$5595 (Duplex)	\$6995 (Duplex)	5199 (Duplex)	5199 (DUPLEX)	\$4175 (Simplex) \$5220 (Duplex)
Printer Warranty	36 months	36 months	36 months	36 months	36 months	36 months	36 months	36 months	36 months	24 months	24 months	24 months
Print Resolution	300 dpi or 600 dpi	300 dpi	300 dpi or 600 dpi	300 dpi	600 dpi	300 dpi	300 dpi	300 dpi	600 dpi	600 dpi	600 dpi	300 dpi
Operating Systems	Windows 11, 10, 8.1, 7 (32/64 bit), Windows Server 2008 R2 64-bit, 2012 R2 64-bit	Windows 7, Vista, XP (32/64 bit), Windows Server 2003 (32/64 bit), 2008 R2 (64 bit), MAC OS X (10.4/10.5), Linux	Windows 10, 8, 7, Vista, XP (32/64 bit), Windows Server 2012, 2008, 2003, MAC OS X (10.6, 10.7, 10.8, 10.9, 10.10), Linux	Windows 8, 7, Vista, XP (32/64 bit), Windows Server 2008, 2003, MAC OS X (10.5/10.6), Linux	Windows 10, 8, 7, Vista, XP SP3 (32/64 bit)	Windows 2000 Professional, XP, Vista, Windows Server 2003 R2 SP2, 2008	Windows 10, 8.1, 8, 7, Vista, XP (32/64 bit) Windows Server 2016, 2012, 2008, 2003 R2 SP2 (32/64 bit), MAC OS X, Linux	Windows 10, 8, 7 (32/64 bit)	Windows 10, 8, 7 (32/64 bit)	Windows 8, 7, Vista, XP, 2000 (32/64 bit)	Windows 7, Vista, XP, 2000 (32/64 bit), Windows Server 2008 R2 (32/64 bit)	Windows 10, 8, 7 (32/64 bit)
Print Technology	Pigment	Dye Sublimation	Dye Sublimation	Dye Sublimation	Dye Sublimation	Dye Sublimation	Dye Sublimation	Dye Sublimation	Dye Sublimation	Dye Sublimation	Pigment	Dye Sublimation
IP security between PC and Printer	Yes	No	No	No	Yes	No	Yes	Yes	Yes	Yes	Yes	No
Obscuring the K Panel	Yes	Yes	No	No	No	NA	Yes	Yes	Yes	No	No	No
Network Data Encryption	Yes	Yes	No	No	Yes	NA	No	Yes	Yes	No	No	No
Connectivity	USB & Ethernet	USB & Ethernet (option: Wireless)	USB and Ethernet	USB & Ethernet	USB & Ethernet	USB & Ethernet	USB, Ethernet, Wireless, Micro SD	USB & Ethernet	USB & Ethernet	USB & Ethernet	USB & Ethernet	USB and Ethernet (option: Wireless)
Single Wire Connectivity*	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No	No
SecureBoot*	Yes	No	No	No	No	No	No	No	No	No	No	No
TPM Module*	Yes	No	No	No	No	No	No	No	No	No	No	No
ISO Card Flattener / Debowing	Yes - included in printers	Yes; option at additional cost	No	No	No	Yes; option at additional cost	No	Yes; option at additional cost	Yes; option at additional cost	No	No	No
PHYSICAL CHARACTERISTICS												
Dimensions (H x W x D)	15.6 x 10.1 x 21.4" (39.7 x 25.5 x 54.3 cm)	15.5 x 28.2 x 14.0" (39.4 x 71.6 x 35.6 cm)	11.50 x 17.50 x 0.925" (29.2 x 44.5 x 23.5 cm)	11.5 x 12.25 x 9.25" (29.2 x 31.3 x 23.5 cm)	17.2 x 13.4 x 11.7" (43.6 x 34 x 29.7 cm)	13.1 x 13.5 x 12.7" (33.5 x 34.3 x 32.2 cm)	16.5 x 17.9 x 13" (42.0 x 45.5 x 33.0 cm)	14.2 x 12.7 x 13.5" (36.0 x 32.2 x 34.3 cm)	14.2 x 12.7 x 13.5" (36.0 x 32.2 x 34.3 cm)	17.1 x 13.4 x 11.7" (43.5 x 34 x 29.7 cm)	17.1 x 13.4 x 11.7" (43.5 x 34 x 29.7 cm)	With card feeder: 13.2 x 18.75 x 20.4" (33.4 x 47.6 x 51.9 cm)
Weight	28 lbs. (12.7kg)	61 lbs (27.7 kg)	28 lbs (12.7 kg)	16 lbs (7.3 kg)	44.1 lbs (20 kg)	28.7 lbs (13.0 kg)	31.7 lbs (14.4 kg)	30.6 lbs (13.9 kg)	30.6 lbs (13.9 kg)	42.9 lbs (19.5 kg)	42.9 lbs (19.5 kg)	27.5 lbs (12.5 kg)
SPEED												
Cards per Hour: Single-Sided	CMYKP: Up to 100	YMCK: Up to 124	YMCK: Up to 124	YMCK: Up to 124	YMCK: Up to 144	Up to 90	Up to 125	Up to 120	Up to 120	Up to 145	CMYKP: Up to 144	CMY only: Up to 190
Cards per Hour: Dual-Sided	CMYKP-KP: Up to 66	YMCK-K: Up to 90	YMCK-K: Up to 90	YMCK-K: Up to 90	YCMK-K: Up to 96	Up to 65	NA	NA	NA	Up to 100	CMYKPKP: Up to 87	CMY Front/K back: Up to 180
CARDS												
Card Input Hopper Capacity	Up to 125	Up to 200 (option: Up to 400)	Up to 100 (option: Up to 200)	Up to 100 (option: Up to 200)	Up to 250	Up to 100	Up to 200	Up to 200	Up to 200	Up to 250	Up to 250	Up to 150
Card Output Hopper Capacity	Up to 25; option for up to 125	Up to 200	Up to 200	Up to 200	Up to 250	Up to 100	Up to 200	Up to 100	Up to 100	Up to 250	Up to 250	Up to 100
Card Thickness	0.03" (0.76mm)	0.03-0.05" (0.762-1.27 mm)	0.03-0.05" (0.76-1.27 mm)	0.03-0.05" (0.762-1.27 mm)	0.03" (0.76mm)	0.01 - 0.04" (0.25-1.02 mm)	0.030 - 0.049" (0.76 - 1.25 mm)	0.01 - 0.04" (0.25-1.02 mm)	0.01 - 0.04" (0.25-1.02 mm)	0.01 - 0.04" (0.25-1.0 mm)	0.01 - 0.04" (0.25-1.0 mm)	0.03-0.04" (0.76-1.02 mm)
SUPPLIES												
YMCK	CMYKP - Up to 1000	Up to 500	Up to 500	Up to 500	Up to 500	Up to 1000	Up to 1000	Up to 1000	Up to 1000	Up to 500	CMYKP: Up to 500	Up to 625
YMCKK	CMYKP-KP - Up to 750	Up to 500	Up to 500	Up to 500	Up to 400	Up to 750	Up to 750	Up to 750	Up to 750	Up to 410	CMYKPKP: Up to 350	Up to 500
Fluorescing/UV Ribbon	FCMYP-KP - Up to 750	Up to 500	Up to 500	Up to 500	Up to 400	Up to 750	Up to 750	Up to 750	Up to 750	Up to 500	Up to 350	Up to 500
YMCKi (Peel-off)	CMYP-KPi - Up to 750 CMYKP-KPi - Up to 500	Up to 500	YMCKi: Up to 500 YMCKKi: Up to 400	Up to 500	Up to 400	Up to 750	NA	Up to 750	Up to 750	Up to 410	CMYKPi: Up to 410 CMYKUPi: Up to 350 CMYKPiKPi: Up to 270	YMCKi: Up to 500 YMCKKi: Up to 415
Retransfer fill images/roll	Up to 1000 or Up to 1500	Clear: Up to 1500 Holographic: 500	Clear: 1500 Holographic: 500	Clear: 1500 Holographic: Up to 500	Clear: Up to 500 Holographic: Up to 400	Up to 1000	Up to 1000	Up to 1000	Up to 1000	Up to 500	Up to 500 Holographic: Up to 500	Clear: Up to 1250 Holographic: Up to 1250
OPTIONS												
Secure Cable Lock	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ISO Magnetic Encoding	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Smart Card options	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Optional Barcode Reader	Yes	No	No	No	No	No	No	No	No	No	No	No
Software Available	TruCredential	Assure ID	Assure ID	Assure ID	CardPresso	Smart Design	NA	NA	NA	NA	NA	CardStudio
Lamination	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes
Lamination Options	1.0mil Clear, standard and custom holographic	0.6, 1.0mil, 0.25mil All available in clear, standard and custom holographic	0.6, 1.0mil, 0.25mil All available in clear, standard and custom holographic	0.6, 1.0mil, 0.25mil All available in clear, standard and custom holographic	NA	1.0 mil All available in clear and holographic	NA	0.5 & 1.0 mil Clear, standard and custom holographic	0.5 & 1.0 mil Clear, standard and custom holographic	0.5 & 1.0 mil Clear, standard and custom holographic	0.6 & 1.0 mil All available in clear and holographic	1.0mil Clear, standard and custom holographic
Single-Sided Lamination	Yes	Yes	Yes	Yes	NA	Yes	NA	Yes	Yes	Yes	Yes	Yes
Dual-Sided Lamination	Yes	Yes	Yes	Yes	NA	Yes	NA	Yes	Yes	Yes	Requires add-on card flipper	Yes

All data is believed to be current as of October 2017.
 *Competitive offering based on information available.
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