

THARO Label Printers

FREE EASYLABEL START label design software included with every printer purchase

FREE printer support

H-Series

- ◆ Four-way navigation with full color LCD screen
- ◆ 203 and 300 DPI
- ◆ Available in 4-inch and 6-inch wide



V-Series

- ◆ A small, clamshell style printer
- ◆ 203 and 300 DPI
- ◆ 4-inch wide print width

T-Series

- ◆ 3.2-inch full color touch screen
- ◆ 203, 300, and 600 DPI
- ◆ 4-inch wide print width
- ◆ Speeds up to 10 IPS



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H-Series		H-427+	H-435+	H-627+	H-635+
Print Mode		Thermal Transfer / Direct Thermal			
Resolution		203 DPI (8 dot/mm)	300 DPI (12 dot/mm)	203 DPI (8 dot/mm)	300 DPI (12 dot/mm)
Print Speed		7 IPS (177.8mm/s)	5 IPS (127mm/s)	7 IPS (177mm/s)	5 IPS (127mm/s)
Print Width		Min: 0.51" (13mm) Max: 4.09" (104mm)	Min: 0.51" (13mm) Max: 4.16" (105.7mm)	Max: 6.61" (168mm)	
Print Length		Min: 0.16" (4mm) Max: 100" (2540mm)	Min: 0.16" (4mm) Max: 45" (1143mm)	Min: 0.16" (4mm) Max: 118" (3000mm)	Min: 0.16" (4mm) Max: 54" (1371mm)
Processor		32 bit RISC CPU			
Memory	Flash	8 MB Flash (4 MB for user storage)			
	SDRAM	16 MB		32 MB	
Sensor Type		Adjustable reflective and transmissive sensor, left aligned			
Media	Type	Gapped, Continuous, Black Mark, Notch / Punched Hole			
	Width	Standard / Tear: 1" (25.4mm) 4.64" (118mm) Cutter: 4.61 (117mm) Dispenser / Rewind: Max 4.64" (118mm)		Standard / Tear: 2" (50.8mm) - 7" (178mm) Cutter: 6.5" (165mm) Dispenser / Rewind: Max 7" (178mm)	
	Thickness	0.003" (0.06mm) - 0.01" (0.25mm)			
	Label Roll Diameter	Min: 6" (152.3mm) outer diameter Max: 8" (203.2mm) outer diameter			
	Label Core Diameter	Min: 1.5" (38.1mm) inner diameter Max: 3" (76.2mm) inner diameter			
Ribbon	Type	Wax, Wax / Resin, Resin			
	Length	1476' (450 m)			
	Width	Min: 1.18" (30mm) Max: 4.33" (110mm)		Min: 2.36" (60mm) Max: 6.85" (174mm)	
	Ribbon Core Diameter	1" (25.4mm) inner diameter			
Printer Language		Tharo Programming Language, Basic ZPL and EPL Emulation			
Software	Design	FREE EASYLABEL Start			
	Driver	XP / Vista / Windows 7-11, Mac, Linux			
Resident Fonts	Bitmap	6, 8, 10, 12, 14, 18, 24, 30, 16x26 and OCR A&B Bitmap fonts and single characters 90°, 180°, 270° rotatable			
	TrueType	Internal TrueType fonts 90°, 180°, 270° rotatable			
Downloadable Fonts	Bitmap	Bitmap fonts and single characters 90°, 180°, 270° rotatable			
	Asian Fonts	16x16, 24x24, Traditional Chinese (BIG-5), Simplified Chinese (GB2312), Japanese (S-JIS), Korean (KS-X1001), 90°, 180°, 270° rotatable, 8 times expandable in horizontal and vertical directions			
	TrueType	90°, 180°, 270° rotatable			
Interfaces		USB 2.0			
		Serial Port RS-232 (DB-9)			
		IEEE 802.3 10/100 Base Tx Ethernet Port (RJ-45)			
		USB Host (A Type)			
Control Panel		Color TFT LCD with navigation buttons			
		Power on / off button with dual color LED: READY / ERROR			
		Control key: FEED			
		Calibration button at rear panel			
Real Time Clock		Standard			
Power		Auto-switching 100V-240V AC, 50Hz - 60Hz			
Environment	Operating	41°F to 104°F (5°C to 40°C)			
	Storage	-4°F to 122°F (-20°C to 50°C)			
Humidity	Operating	30-85% non-condensing			
	Storage	10-90% non condensing			
Agency Approvals		CE (EMC), FCC Class A, CB, UL, cUL, CCC			
Dimensions		L 20.15" (512mm) x H 11.45" (291mm) x W 10.78" (274mm)		L 20.31" (516mm) x H 11.22" (285mm) x W 13.58" (345mm)	
Weight		33 lbs. (15 Kg), excluding consumables and options		36.8 lbs. (16.7kg),excluding consumables and options	
Options		Applicator Interface Cutter Module Label Dispenser + Internal Rewinder Parallel port adapter module (Centronics female 36-pin) External label rewinder External label roll holder for 10" (250mm) O.D. label rolls			

Specifications are subject to change without notice. All brand or product names are trademarks of their respective companies.

V-Series		V-425E	V-434E
Print Mode		Thermal Transfer / Direct Thermal	
Resolution		203 DPI (8 dot/mm)	300 DPI (12 dot/mm)
Print Speed		5 IPS (127 mm/s)	4 IPS (102 mm/s)
Print Width		4.25" (108mm)	4.16" (105.7mm)
Print Length		0.16" (4mm) - 68" (1727mm)	0.16" (4mm) - 30" (762mm)
Processor		32 bit RISC CPU	
Memory	Flash	8 MB Flash (4 MB for user storage)	
	SDRAM	16 MB	
Sensor Type		Adjustable reflective sensor 2 fixed transmissive sensors, central aligned	
Media	Type	Gapped, Continuous, Black Mark, Notch / Punched Hole	
	Width	Standard / Tear: 1" (25.4mm) - 4.64" (118mm)	
	Thickness	0.003" (0.06mm) - 0.01" (0.25mm)	
	Label Roll Diameter	Max: 5" (127mm) outer diameter	
	Label Core Diameter	1" (25.4mm), 1.5" (38.1mm), 3" (76.2) inner diameters	
Ribbon	Type	Wax, Wax / Resin, Resin	
	Length	981' (300 m)	
	Width	Min: 1.18" (30mm) Max: 4.33" (110mm)	
	Ribbon Core Diameter	1" (25.4mm) inner diameter	
Printer Language		Tharo Programming Language	
Software	Design	FREE EASYLABEL Start	
	Driver	XP / Vista / Windows 7-11, Mac, Linux	
Resident Fonts	Bitmap	6, 8, 10, 12, 14, 18, 24, 30, 16x26 and OCR A&B Bitmap fonts and single characters 90°, 180°, 270° rotatable	
	TrueType	Internal TrueType fonts 90°, 180°, 270° rotatable	
Downloadable Fonts	Bitmap	Bitmap fonts and single characters 90°, 180°, 270° rotatable	
	Asian Fonts	16x16, 24x24, Traditional Chinese (BIG-5), Simplified Chinese (GB2312), Japanese (S-JIS), Korean (KS-X1001), 90°, 180°, 270° rotatable, 8 times expandable in horizontal and vertical directions	
	TrueType	90°, 180°, 270° rotatable	
Interfaces	USB 2.0		
	Serial Port RS-232 (DB-9)		
	Ethernet 10/100 Mbps		
Control Panel	Two Bi-color status LEDs: Ready, Status		
	Control key: FEED		
Real Time Clock		Standard	
Power		Auto-switching 100V-240V AC, 50Hz - 60Hz	
Environment	Operating	41°F to 104°F (5°C to 40°C)	
	Storage	-4°F to 122°F (-20°C to 50°C)	
Humidity	Operating	30-85% non-condensing	
	Storage	10-90% non condensing	
Agency Approvals		CE (EMC), FCC Class A, CB, UL, cUL, CCC	
Dimensions		L 11.2" (285mm) x H 6.8" (171mm) x W 8.9" (226mm)	
Weight		6 lbs. (2.72 Kg), excluding consumables and options	
Options		Applicator Interface Cutter Module Label Dispenser External label rewinder External label roll holder for 10" (250mm) O.D. label rolls	

T-Series		T-4210	T-4307	T-4604
Print Mode		Thermal Transfer / Direct Thermal		
Resolution		203 DPI (8 dots/mm)	300 DPI (12 dots/mm)	600 DPI (24 dots/mm)
Print Speed		10 IPS (254mm/s)	7 IPS (117mm/s)	4 IPS (102mm/s)
Print Width		4.25" (108mm)	4.16" (105.7mm)	4.16" (105.6mm)
Print Length		0.16" (4mm) - 180" (4572mm)	0.16" (4mm) - 85" (2159mm)	0.16" (4mm) - 26" (660mm)
Processor		32 bit RISC CPU		
Memory	Flash	128 MB Flash (60 MB for user storage)		8 MB Flash (4 MB for user storage), 32MB SDRAM
	SDRAM	32 MB		
Sensor Type		Adjustable reflective and transmissive sensor, left aligned		
Media	Type	Gapped, Continuous, Black Mark, Notch / Punched Hole		
	Width	Standard / Tear: 1" (25.4mm) - 4.64" (118mm) Cutter: Max 4.61" (117mm) Dispenser / Rewind: Max 4.64" (118mm)		
	Thickness	0.003" (0.06mm) - 0.01" (0.25mm)		
	Label Roll Diameter	Max: 8" (203.2mm) outer diameter		
	Label Core Diameter	Min: 1.5" (38.1mm) inner diameter		
Ribbon	Type	Wax, Wax / Resin, Resin		
	Length	1476' (450 m)		
	Width	Min: 1.18" (30mm) Max: 4.33" (110mm)		
	Ribbon Core Diameter	1" (25.4mm) inner diameter		
Printer Language		Tharo Programming Language, Basic ZPL and EPL Emulation		
Software	Design	FREE EASYLABEL Start		
	Driver	XP / Vista / Windows 7-11, Mac, Linux		
Resident Fonts	Bitmap	6, 8, 10, 12, 14, 18, 24, 30, 16x26 and OCR A&B Bitmap fonts and single characters 90°, 180°, 270° rotatable		
	TrueType	Internal TrueType fonts 90°, 180°, 270° rotatable		
Downloadable Fonts	Bitmap	Bitmap fonts and single characters 90°, 180°, 270° rotatable		
	Asian Fonts	16x16, 24x24, Traditional Chinese (BIG-5), Simplified Chinese (GB2312), Japanese (S-JIS), Korean (KS-X1001), 90°, 180°, 270° rotatable, 8 times expandable in horizontal and vertical directions		
	TrueType	90°, 180°, 270° rotatable		
Interfaces	USB 2.0			
	Serial Port RS-232 (DB-9)			
	IEEE 802.3 10/100 Base Tx Ethernet Port (RJ-45)			
	3 USB Host (A Type) - 2 ports at the front panel; 1 port at rear panel			
Control Panel	Backlight 3.2" touch screen LCD			
	Power on / off button with green LED backlight			
	Control key: FEED / PAUSE / CANCEL with dual color LED: READY / ERROR			
	Calibration button at rear panel			
Real Time Clock		Standard		
Power		Auto-switching 100V-240V AC, 50Hz - 60Hz		
Environment	Operating	41°F to 104°F (5°C to 40°C)		
	Storage	-4°F to 140°F (-20°C to 60°C)		
Humidity	Operating	30-85% non-condensing		
	Storage	10-90% non condensing		
Agency Approvals		CE (EMC), FCC Class A, CB, UL, cUL, CCC, KC		
Dimensions		L 18.30" (465mm) x H 10.35" (263mm) x W 12.00" (305mm)		
Weight		30 lbs. (13.6 Kg), excluding consumables and options		
Options		Applicator Interface Cutter Module Wi-Fi print server module (IEEE 802.11 b/g/n) Label Dispenser + Internal Rewinder Parallel port adapter module (Centronics female 36-pin) External label rewinder External label roll holder for 10" (250mm) O.D. label rolls		