TCL

Digital Signage 24/7

TBN SERIES



Elite Line

SIZES AVAILABLE: **43" | 55" | 65" | 75"**

PRODUCT HIGHLIGHTS

Light Up Your Message

With its 400-nit brightness, this UHD signage presents content with exceptional clarity, ensuring maximum visibility for marketing campaigns in airports, retail spaces, and beyond.

3-Year Warranty

Backed by a powerful warranty program, our 3-year coverage ensures your display performs reliably, giving you peace of mind and confidence in your investment.

24/7 Operation

Engineered for 24/7 continuous operation, our displays deliver uncompromising reliability and performance around the clock, perfect for mission-critical environments.

Seamless CMS Integration

Our solution is software-agnostic, seamlessly integrating not only with our own CMS but also with partner CMS platforms, giving customers the flexibility to choose the ecosystem that best fits their need.

Even Bezel & Slim Depth

Slim depth with even bezels on all four sides creates a clean, balanced look, ensuring seamless alignment in both landscape and portrait modes.



DISPLAY PANEL	43"	55"	65"	75"
Model	TB43N	TB55N	TB65N	TB75N
Diagonal Size/Class	43"	55"	65"	75"
Resolution	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160
Brightness (Typ.)	400	400	400	400
Orientation	Landscape/Portrait	Landscape/Portrait	Landscape/Portrait	Landscape/Portrait
Haze	AG 25%	AG 25%	AG 25%	AG 25%
Contrast Ratio (Typ.)	4000:1	4000:1	4000:1	4000:1
Type	VA	VA	VA	VA
Color Gamut	NTSC 72%	NTSC 72%	NTSC 72%	NTSC 72%
Operational Hour	24/7	24/7	24/7	24/7
CONNECTIVITY / SOUND				
Input Video / Audio	HDMI 2.0 IN*2 (HDCP 1.4/2.2/2.3)	HDMI 2.0 IN*2 (HDCP 1.4/2.2/2.3)	HDMI 2.0 IN*2 (HDCP 1.4/2.2/2.3)	HDMI 2.0 IN*2 (HDCP 1.4/2.2/2.3)
Input Tuner	N/A	N/A	N/A	N/A
Output Video / Audio	AUDIO OUT *1 (3.5mm)	AUDIO OUT *1 (3.5mm)	AUDIO OUT *1 (3.5mm)	AUDIO OUT *1 (3.5mm)
USB	USB2.0 *1 (0.5A) +USB3.0 *1 (1A)	USB2.0 *1 (0.5A) +USB3.0 *1 (1A)	USB2.0 *1 (0.5A) +USB3.0 *1 (1A)	USB2.0 *1 (0.5A) +USB3.0 *1 (1A)
WiFi / BT	2.4G_802.11b/g/n_2T2R_20M/40M 5G_802.11b/g/n/ ac_2T2R_20M/40M/80M Bluetooth 5.1	2.4G_802.11b/g/n_2T2R_20M/40M 5G_802.11b/g/n/ ac_2T2R_20M/40M/80M Bluetooth 5.1	2.4G_802.11b/g/n_2T2R_20M/40M 5G_802.11b/g/n/ ac_2T2R_20M/40M/80M Bluetooth 5.1	2.4G_802.11b/g/n_2T2R_20M/40M 5G_802.11b/g/n/ ac_2T2R_20M/40M/80M Bluetooth 5.1
External Control	RS232 IN*1 / OUT*1, IR IN*1,RJ45*1	RS232 IN*1 / OUT*1, IR IN*1,RJ45*1	RS232 IN*1 / OUT*1, IR IN*1,RJ45*1	RS232 IN*1 / OUT*1, IR IN*1,RJ45*1
Speaker	10W x2	10W x2	10W x2	10W x2
MECHANICAL SPECS				
Product Dimensions	963.4×552.3×27.9 mm / 37.93×21.74×1.10 in	1231.8×703.3×27.9 mm / 48.50×27.69×1.10 in.	1452.0×827.0×27.9 mm / 57.17×32.56×1.10 in.	1675.0×953.0×29.8 mm / 65.94×37.52×1.17 in.
Package Dimensions	1075×646×122 mm / 42.32×25.43×4.80 in.	1400×875×155 mm / 55.12×34.45×6.10 in.	1645×1007×170 mm / 64.76×39.65×6.69 in.	1850×1132×178 mm / 72.83×44.57×7.01 in.
Product Weight	13.0 kg / 28.7 lbs.	16.7 kg / 36.8 lbs.	24.9 kg / 54.9 lbs.	33.0 kg /72.8 lbs.
Package Weight	15.0 kg / 33.1 lbs.	21.9 kg / 48.3 lbs.	32.6 kg / 71.9 lbs.	45.0 kg /99.2 lbs
VESA Mount	300*300 mm (Centered)	200*400 mm (Centered)	300*400 mm (Centered)	300*600 mm (Centered)
VESA Mount Screw (Min-Max)	M6 x 12 mm	M6 x 12 mm	M6 x 12 mm	M6 x 12 mm
Bezel Width (mm)	9.9mm (Even)	9.9mm (Even)	9.9mm (Even)	10.4mm (Even)
FEATURES				
Key	1 Key (Power Switch)	1 Key (Power Switch)	1 Key (Power Switch)	1 Key (Power Switch)
Operating System	Android 13.0	Android 13.0	Android 13.0	Android 13.0
Processor	Quad-core ARM Cortex-A55	Quad-core ARM Cortex-A55	Quad-core ARM Cortex-A55	Quad-core ARM Cortex-A55
Storage (FDM)	16GB	16GB	16GB	16GB
CMS / S/W	TCL EShow 3.0 & Partner CMS	TCL EShow 3.0 & Partner CMS	TCL EShow 3.0 & Partner CMS	TCL EShow 3.0 & Partner CMS
CERTIFICATION				
Safety	62368-1/ISO- 27701/ISO-27001	62368-1/ISO- 27701/ISO-27001	62368-1/ISO- 27701/ISO-27001	62368-1/ISO- 27701/ISO-27001
EMC	Class B	Class B	Class B	Class B
Environment	Energy Star 8.0	Energy Star 8.0	Energy Star 8.0	Energy Star 8.0
IP Rating	IP5X	IP5X	IP5X	IP5X
POWER				
Power Supply	AC 100-240V@50/60Hz	AC 100-240V@50/60Hz	AC 100-240V@50/60Hz	AC 100-240V@50/60Hz
Power Consumption Max (w)	130	165	200	210
Typical (w)	108	138	167	175
Sleep Mode	< 0.5W (Standby mode, Power saving)	< 0.5W (Standby mode, Power saving)	< 0.5W (Standby mode, Power saving)	< 0.5W (Standby mode, Power saving)
OPERATING CONDITION				
Temperature	0~45°C / 32~113°F	0~45°C / 32~113°F	0~45°C / 32~113°F	0~45°C / 32~113°F
Relative Humidity	20 - 80%	20 - 80%	20 - 80%	20 - 80%
ACCESSORIES				
Included	Quick Setup Guide *1, Warranty Card *1, Power cable *1 (EU*1), Remote Control *1, Battery *2	Quick Setup Guide *1, Warranty Card *1, Power cable *1 (EU*1), Remote Control *1, Battery *2	Quick Setup Guide *1, Warranty Card *1, Power cable *1 (EU*1), Remote Control *1, Battery *2	Quick Setup Guide *1, Warranty Card *1, Power cable *1 (EU*1), Remote Control *1, Battery *2
Optional: Stand	N/A	N/A	N/A	N/A
Optional: Mount	WM54-85	WM54-85	WM54A-85	WM34-85
WARRANTY				
3-Year Limited Warranty (English)				

* All Product Specifications Are Subject to Change Without Notice.