TCL

TB65N

Digital Signage 24/7

TBN SERIES

Elite Line SIZE: **65"**

PRODUCT HIGHLIGHT

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.

Westan Australia
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Westan Sydney Office | Unit 2/4-6 Junction Street, AUBURN NSW 2144, Australia | 02 8033 2186
Westan New Zealand
Westan New Zealand Office | Unit 4/38 Peters Way, Silverdale, Auckland 0932, New Zealand | +64 9972 1840

TB65N · 65"

DISPLAY PANEL

Model	TB65N
Resolution	3840 x 2160
Brightness (Typ.)	400nit (Typ.)
Orientation	Landscape / Portrait
Haze	AG 25%
Contrast Ratio (Typ.)	5000:1
Type	VA
Color Gamut	NTSC 72%
Aspect Ratio	16:9
Refresh Rate	60Hz
Backlight Type	ELED
Color Depth	1.07G(8bit+FRC)
Viewing Angle	178°(H)/178°(V) (CR≥10)
Operational Hour	24/7

CONNECTIVITY / SOUND

Input Video / Audio	HDMI 2.0 IN x2 (HDCP 1.4/2.2/2.3)
Output Video / Audio	AUDIO OUT x1 (3.5mm)
USB	USB 2.0 x1 (0.5A) + USB 3.0 x1 (1A)
WiFi / BT	Support
External Control	RS232 IN x1 / OUT x1, IR IN x1, RJ45 x1
RJ45	10/100Mbps RJ45*1
Speaker	10W x2

MECHANICAL SPECS

Product Dimensions	1452.3 x 827.3 x 27.9 mm
Package Dimensions	1645 x 1007 x 170 mm
Product Weight	24.9 kg
Package Weight	32.6 kg
VESA Mount	300 x 400 mm (Centered)
Bezel Width	9.9mm (Even)

FEATURES

Operating System	Android 13.0
Processor	Quad-core ARM Cortex-A55
Storage (FDM)	16GB
CMS / S-W	TCL EShow 3.0 & Partner CMS
Memory	3GB
WiFi	2.4G/5G
Remote Control	IR remote control

FEATURES (S/W)

OTA Upgrade	Support
Scheduled Power On/Off	Support
System Integration	Open standard API, enabling seamless integration with third-party systems, and supports self-starting functionality for the launcher.
Picture Rotation	Support(Horizontal/Vertical)
OSD Rotation	Support(Horizontal/Vertical)
Pixel Shift	Support
Security Lock	Support
Language	English, Chinese (Simplified), Chinese (Traditional), Tagalog, Vietnamese, Thai, Indonesian, Malay, French, Spanish, Italian, Turkish

DESIGN

Bezel Color/Material	Black/Metallic
Rear Cover Color/Material	Black/Plastic

CERTIFICATION

Safety	62368-1 / ISO-27701 / ISO-27001
EMC	Class B
Environment	Energy Star 8.0
IP Rating	IP5X

POWER

Power Supply	AC 100-240V@50/60Hz
Power Consumption Max	200W
Power Consumption Typical	167W
Sleep Mode	<0.5W (Standby mode, Power saving)

OPERATING CONDITION

Temperature	0-45C / 32-113F
Relative Humidity	20-80%
Temperature (Storage)	-20~60°C/-4~140°F
Relative Humidity (Storage)	10-90% (without condensation)
Altitude	<5000m

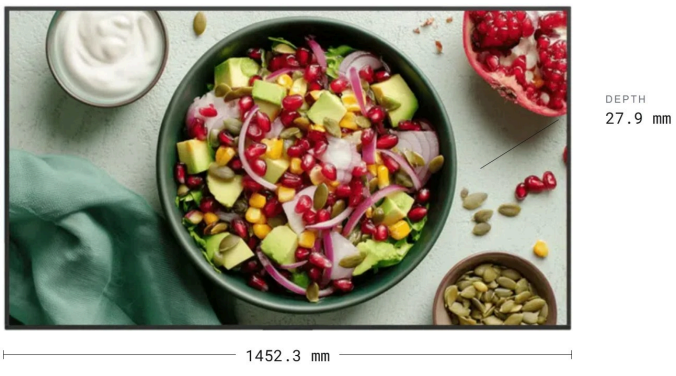
ACCESSORIES

Included	Quick Setup Guide x1, Warranty Card x1, Power Cable x1, Remote Control x1, Battery x2
Optional Mount	WM54-85

WARRANTY

Warranty Period	3-Year Limited Warranty

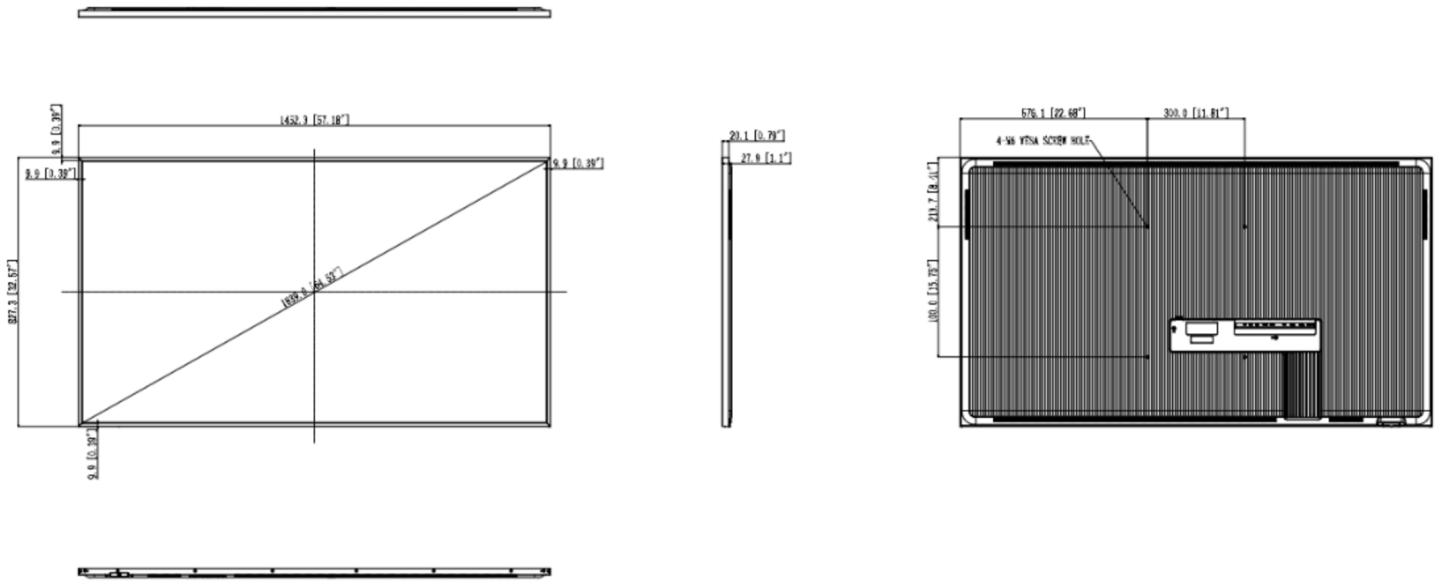
PRODUCT DIMENSIONS



TB65N · 1452.3 x 827.3 x 27.9 mm. Dimensions exclude packaging. VESA mount: 300 x 400 mm (Centered). Optional wall mount: WM54-85.

* All product specifications are subject to change without notice.

MECHANICAL DRAWING



* All dimensions in millimetres. Drawings are not to scale and are subject to change without notice.