



84" MULTI Touch LED LCD

TRIUMPH BOARD 84" MULTI Touch LED LCD is a fully integrated, professional, multi touch ULTRA HD LED LCD with amazing performance and stunning visuals.

TRIUMPH BOARD 84" MULTI Touch LED LCD is an effective presentations tool for showing lessons or presentations interactively in any classroom and meeting room. The IR LED optical technology allows 10 finger touch, up to 10 users to write and draw simultaneously using fingers, stylus or even a pointer.

The optional built-in MINI PC with incorporated Intel® Core™ i5 Processor and Microsoft Windows 10 Pro (OEM) with a selection of language options and preinstalled applications, delivering top-of-the-line performance for a zero-compromise experience.

A wide range of accessories such as LiftBoxes or mobile stands makes a perfect solution!

Features

- Multi-Touch (10 Touch Input)
- ULTRA HD resolution (3840 x 2160)
- Android system
- Optional Build in MINI PC
- Optional LiftBoxes and Stands
- TRIUMPH CLOUD – the online annotation software with cloud data storage
- TB Comenius Lite – the instant desktop annotation software
- DisplayNote – the collaboration software (Cloud)

Specifications

Display

| | |
|-----------------------|----------------------------------|
| EAN: | 8592580112140 |
| Screen Type: | TFT LCD/A Standard/LED backlight |
| Resolution: | ULTRA HD (3840 x 2160 px) |
| Display Area: | 73.25" (H) x 41.20" (V) |
| Display Color: | 1.07 B (10 - bit) |
| Diagonal size: | 84.04" |
| Brightness: | 350 cd/m2 |
| Contrast: | 1600 : 1 |
| Response Time: | 8 ms |
| Refreshing Frequency: | 120 Hz |
| View Angle: | 178°/178° (H/V) |
| Service Life: | 50.000 hrs |
| Mount System: | VESA 600 x 600 (Optional) |
| Outline Dimension: | 78.98" x 4.21" x 46.93" (WxDxH) |
| Package Dimension: | 85.43" x 12.60" x 53.94" (WxDxH) |
| Net/Gross weight: | 260/344 lb |

Ambient Conditions

| | |
|------------------------|-------------|
| Operation Temperature: | 32° - 104°F |
| Operation Humidity: | 10 - 90% RH |
| Storage Temperature: | -4° - 140°F |
| Storage Humidity: | 10 - 90% RH |

Touch System

| | |
|---------------------|--|
| Touch Input: | 10 Touch Input |
| Sensing Type: | Infrared Transmission (multi-touch) |
| Response Time: | < 15 ms (typ) |
| Scan Frequency: | 200 Hz |
| Output Coordinates: | 32767 x 32767 |
| Communication Mode: | Full-speed USB |
| Writing Facility: | Opaque objects of any diameter (Single point) ≥ 0.2" |
| Writing Facility: | Opaque objects of any diameter (Multi point) ≥ 0.3" |
| Writing Screen: | Mohs hardness of 7 |
| Life Time: | > 80 000 hours |

PC System: PC10A (Optional)

Sound System

| | |
|----------------------|----------|
| Power Amplify: | 2 x 10 W |
| Number of Sound Box: | 2 |
| Sound: | Surround |

Power

| | |
|----------------------------|-----------------------|
| Power Requirements: | 100~240 V AC 50/60 Hz |
| Overall Power Consumption: | < 500 W |
| Standby Power Consumption: | < 0.5 W |

Inputs and Outputs

| | |
|-------------|----|
| HDMI IN: | 4* |
| VGA-OUT: | 1 |
| Coax OUT: | 1 |
| AUDIO OUT: | 1 |
| Audio IN: | 3 |
| VGA IN: | 3 |
| USB 3.0: | 1 |
| USB 2.0: | 1 |
| Touch OUT: | 1 |
| LAN (RJ45): | 1 |
| RS 232: | 1 |
| AC IN: | 1 |
| Power: | 1 |
| CVBS: | 1 |
| R/L (CVBS): | 1 |

*HDMI: 1x HDMI 4K
3x HDMI

