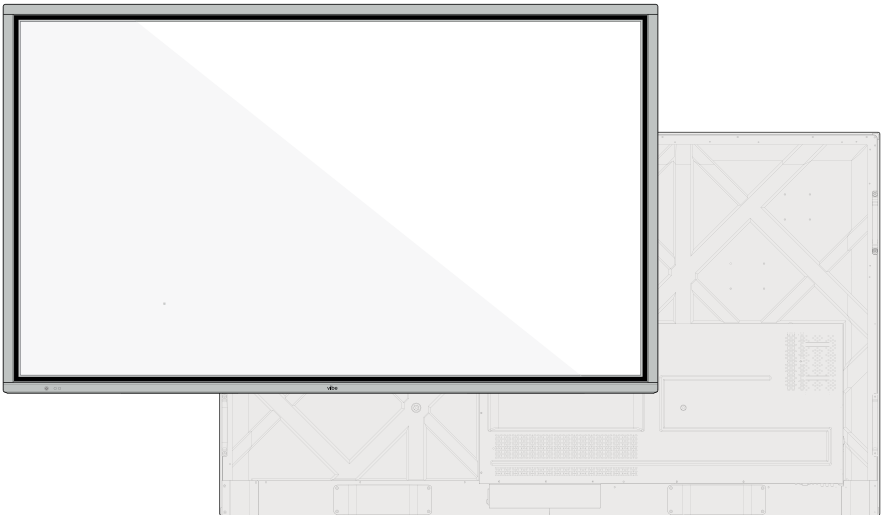# User Manual

Vibe Board Pro 75″

Please properly keep the manual for further reference

Welcome:

Thanks for purchasing this product.
Please read the instructions carefully before using this product.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE 1: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
 · Reorient or relocate the receiving antenna.
 · Increase the separation between the equipment and receiver.
 · Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 · Consult the dealer or an experienced radio/TV technician for help.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The symbol of the crossed out wheeled bin indicates this product should not be placed in municipal waste. Instead, dispose of waste equipment by taking it to a designated collection point for electrical and electronic equipment recycling.

Table of Contents

About This Document

This document describes multiple functions, instructions, and notes about the product. Symbols are used in this document to indicate operations that need particular attention. The symbols are defined as follows:

NOTE

Provides additional information to supplement operation in the main text.

TIPS

Provides tips for operation.

CAUTION

Indicates a potentially hazardous situation that, if not avoided, could result in equipment damage, data loss, performance deterioration, or unanticipated results.

WARNING

Indicates a hazard with risk that, if not avoided, could result in death or injury.

Safety Instructions

For your safety, please read the following instructions before you use the product. Serious injury or property damage may be caused by improper operations. Do not try to repair the product on your own.

⚠️ WARNING

Disconnect the product from the power supply immediately if major failures occur.

Major failures include the following:
· Smoke, peculiar smell or abnormal sound is discharged from the product.
· No image or sound is displayed, or the image error occurs.
· Where the main's plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

In the preceding scenarios, do not continue to use the product. Disconnect power supply immediately and contact professional staff for troubleshooting.

Do not drop any liquids, metal, or anything combustible into the product.

· If any liquids or metal are dropped onto or into the product, power off the product and disconnect the power supply. Then contact professional staff for solutions.
· Pay attention to children when they are close to the product.

Put the product on a stable surface.

An unstable surface includes and is not limited to an inclined plane, a shaky stand, desk or platform, which might cause turnover and damage.

Do not open the cover or change the product on your own.

High voltage components are installed in the product. When you open the cover, high voltage, electric shock, or other dangerous situations may occur. If inspection, adjustment, or maintenance is required, contact the local distributor for help.

Do not put items on the top of the product.

· Do not put items, such as a container for liquid (a vase, flowerpot, cosmetics or liquid medicine) on the top of the product.
· If any water or liquid is spilled on the product, a short circuit may occur and cause fire or electric shock.
· Do not walk on or hang any items on the product.

⚠️ WARNING

Use the specified power supply.

- To prevent the product from being damaged, do not use any cables other than the one provided with the product.
- Use a three-wire socket and ensure that it is properly grounded.
- Pull out the power plug from the socket if the product is not used for a long period.

Clean the dust and metal on the power plug regularly.

- Continued use of this product may cause fire or electric shock if the plug is not cleaned for a long time.
- Pull out the power plug before cleaning it with a dried cloth.

Do not install the product in an improper place.

- Do not install the product in humid places, such as the bathroom, the shower room, near windows, or outdoor environments that experience rain, snow or other harsh weather. Avoid installation near hot spring vapor. The preceding environments may cause faults in the product or electric shock under extreme conditions.
- Do not put exposed fire source, such as an ignited candle, on the product.

Pull out the power plug during thunderstorms.

- To avoid electric shock, do not touch the product during a lightning storm.
- Install or place components that supply high enough voltage to cause personal injury out of the reach of children.

Do not touch the power cable with wet hands.

⚠ CAUTION

Do not install the product in high temperature environments.

- Do not install the product near a heat source, such as a radiator, a heat reservoir, a stove or other heating products.
- Do not expose the product to direct sunlight, which may cause high temperatures and subsequent faults in the product.

For transport:

- Pack the product for transport or maintenance by using the cartons and cushioning material provided with the product.
- Vertically move the product during transport. The screen or other components are easily broken if the product is moved by an improper way.
- Before you move the product, disconnect all external connections and separate all toppling preventing products. Move the product carefully to prevent it from being hit or squeezed, especially the screen, which may cause injury if broken.

Do not cover or block up any vents on the product.

- Any overheated components may cause fire, damage the product, and shorten the service life.
- Do not lay the product down in a way where the venting surface will be covered.
- Do not install the product directly on carpet or cloth.
- Do not use a cloth (such as a tablecloth) to cover the product.

Use the battery correctly.

- Galvanic corrosion, electric leakage, and even fire may be caused by improper battery usage.
- It is recommended to use the designated type of battery and install the battery by the correct electrodes (positive and negative).
- Do not install and use a new battery with a used one.
- Take out the battery if the remote control is not used for a long period.
- Do not expose the battery to overheated environments, such as sunlight or heat sources.
- Dispose of the used battery according to your local regulations.

⚠ CAUTION

Do not damage the power cable.

· Do not damage, change, twist, bend, or forcibly drag the power cable.
· Do not put weights (such as the product itself) on the power cable.
· Do not forcibly drag the cable when you pull out the power plug. If the power cable is damaged, please contact the local distributor to repair or replace it.
· The power cable in the accessory box is for this product only. Do not use it on other products.

Additional advice:

· Use the product in an environment with comfortable lighting. It is harmful to your eyes to watch in a too bright or too dark environment.
· Relax your eyes after watching for a period of time.
· Keep sufficient distance from the product to protect your eyes and prevent eyestrain.
· Adjust the volume to an appropriate level, especially at night.
· Use amplifier equipment as the audio input source with caution. If you must use amplifier equipment, the input power should not exceed the maximum of speaker power. Otherwise, the speaker can become overpowered and damaged.

Keep the product away from the radio.

The product complies with the international EMI standard to prevent radio interference. However, interference may still exist and causes noise in the radio. If noise occurs in the radio, try the following solutions.
· Adjust the direction of the radio antenna to avoid the interference from the product.
· Keep the radio away from the product.

1. Parts and Functions

1.1 Package Contents

Please verify that you received the following items with your package:

- Display
- Remote Control
- AAA Battery *2
- USB Cable (A-B) 5m
- HDMI 2.0 Cable 3m

- UL Power Cord
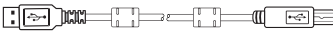- EU Power Cord
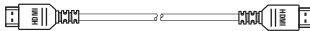- UL Power Cord
- Magnetic Pen Set
- Wall Mount

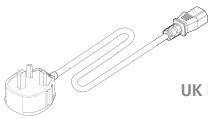Display   Remote Control   AAA Battery
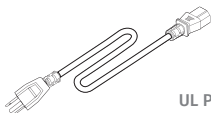
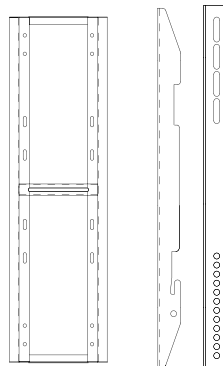USB Cable (A-B)

HDMI 2.0   Magnetic Pen Set

UK Power Cord

EU Power Cord

UL Power Cord   Wall Mount

1.2 Parts

Front View

1	Power Button
2	IR Receiver
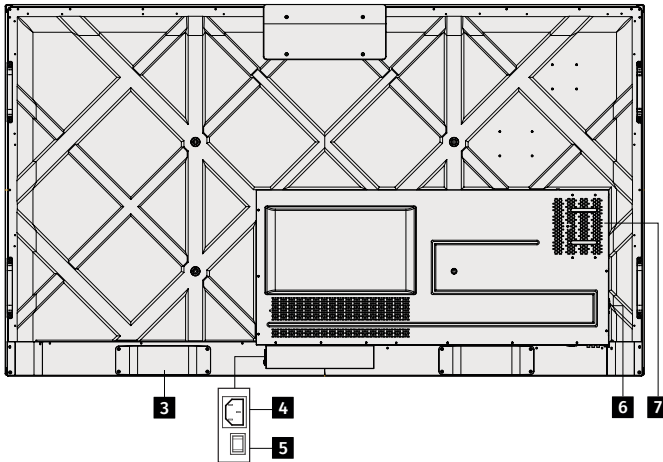
Rear View

3	Speaker
4	Power Supply Plug
5	Power Switch
6	Rear Ports
7	Internal PC Port (OPS)

1.3 Ports

Ports (Compute Module)

| USB 3.0 (Type-C) | Audio (out) | Audio (in) | HDMI 1.4 (out) | USB 2.0 | USB 3.0 | LAN |

| HDMI-IN | TOUCH | USB (DEBUG) |
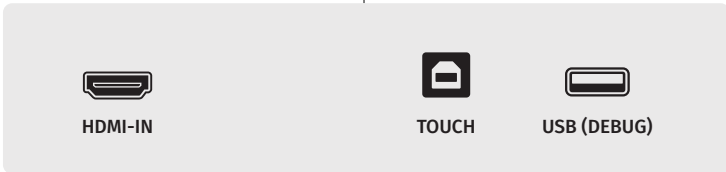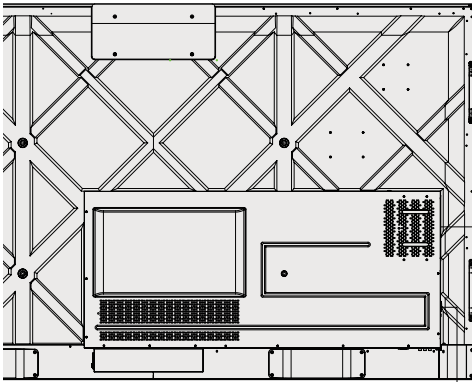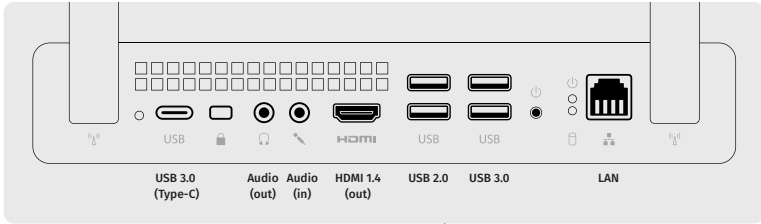
Ports (TV)

1.4 Remote Controller

> ⚠️ **WARNING**
>
> To avoid probable faults, please read the following instructions and use the remote controller properly.
> · Do not drop or beat the remote controller.
> · Do not spill water or other liquid on the remote controller.
> · Do not put the remote controller on wet items.
> · Do not expose the remote controller under sunlight or put it near overheated source.
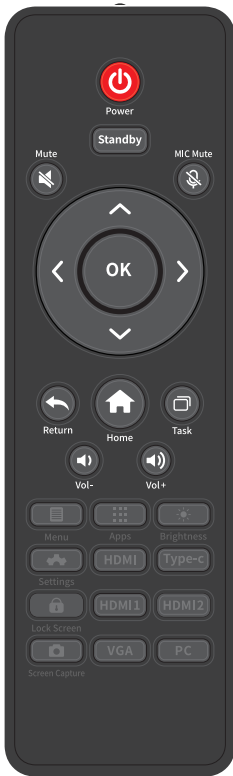
Icon	Function
⏻	Power On/Standby
⌃	Up
⌄	Down
‹	Left
›	Right
OK	Confirm Selected Item/ Menu
←	Back
🔉	Volume Down
🔊	Volume Up

2. Installation Guide

2.1 Safety Precautions

Installation Environment

Avoid Electric Shock

Avoid Strong Magnetic Field

Keep Temperature Below 120 °F (≤50°C)

Keep Relative Humidity Under 70%

Keep Away From Combustible Vapors (Gas leaks, etc.)

Avoid Any Corrosive Liquids

Do Not Use Outdoors

Do Not Install Tilted
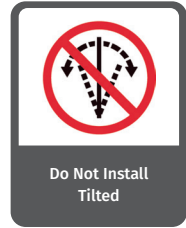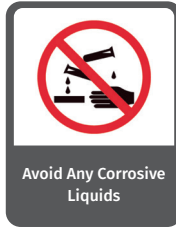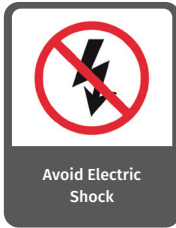
Installation Direction

Hang the Product Horizontally

No Vertical Installation

Do Not Install Tilted

Do Not Lay Flat
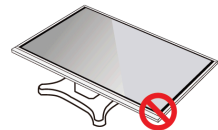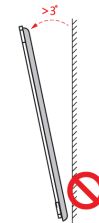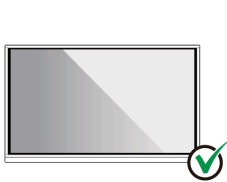
2.2 Installation Precautions

Weight Loading

- When using a mobile stand, ensure that the weight of the product is less than the loading capacity of the mobile stand.
- When using the wall-mount bracket, ensure that the wall can support the weight of the product. We recommend that the wall surface be reinforced and have a loading capacity 4 times of the weight of the product. Consult a professional installer for wall-mount installation.

📖 **NOTE** ─────────────────────────────

- The company does not undertake relevant legal responsibility for any problems caused by improper operation, if the third party mobile stand, or wall-mount bracket is beyond the scope of the product.
- Do not install the product where it might be hit by a door.

Vertical Installation

When installing, try to keep the product **vertical**. The vertical tilt range allowed for wall-mount installation is ±3 degrees. Excessive tilt angle may cause the screen glass to fall off or the product to collapse.

📖 **NOTE** ─────────────────────────────

For any problem, please contact our support desk. Our company is not responsible for any damage or losses incurred by users if the users fails to follow the instructions.
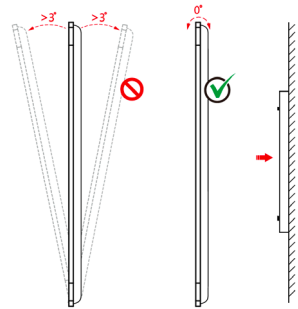
Ventilation

Ensure adequate ventilation and/or air conditioning environment. We recommend keeping certain distances from the side of the product to the wall or panels. Ventilation requirements are shown in following figure.
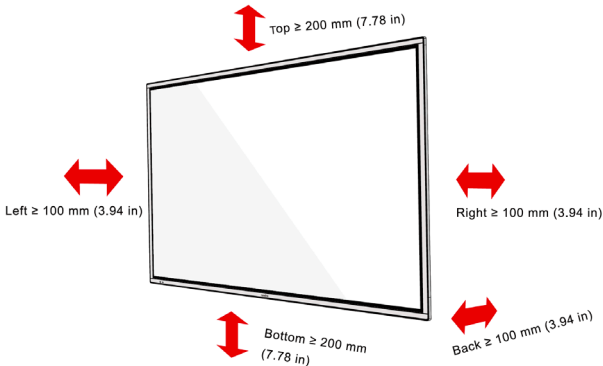
2.3 Installation

The dimensions of the four bracket mounting holes on the back panel are VESA MIS-F compliant (75": 800 x 400 mm). Use metric M8 screws with length of 10 mm to 15 mm (0.40 to 0.59 in) to secure the touch screen with the mounting system. Dimensions of the mounting holes on the back panel are shown on the following figure.

📖 **NOTE**

Consult a professional installer to install the product.

2.4 Installation Precautions

> ⚠ **CAUTION**
>
> The internal PC does not support hot plugging. Therefore, you must insert or remove it when the screen is powered is off. Otherwise, the screen or internal PC may be damaged.
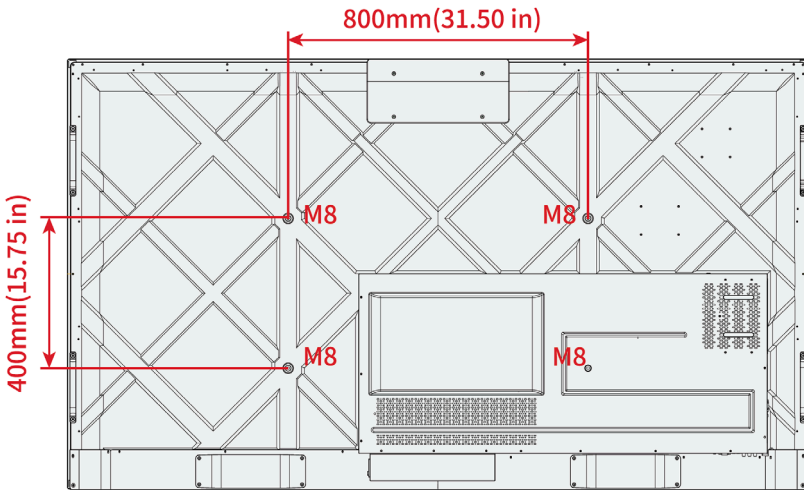
You will need to purchase the internal PC separately. Perform the following steps to install the internal PC.

1 Unscrew the M3 screws by hand to remove the internal PC shielding cover.
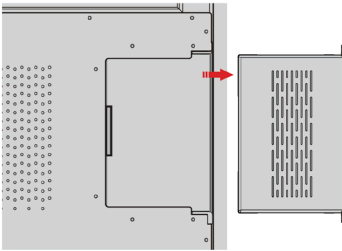
2 Push the internal PC into the internal PC port at the rear of the screen from right to left.
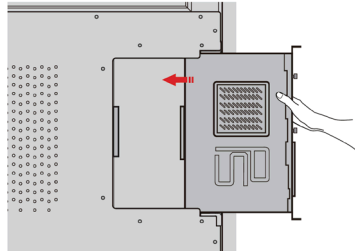
3 Secure the internal PC to the display by using the M3 screws.
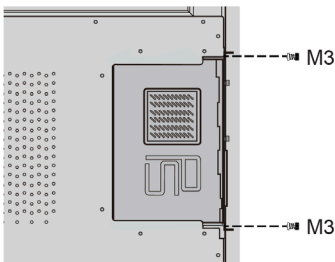
4 Ensure the installation is correct before turning the power on again.

3. Turning On/Off

3.1 Power On

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

STEP 1:
Plug the power supply into the power outlet fully and plug the power connector into the side of the product. Ensure the power supply is in the range of 100V to 240V with frequency at 50 Hz/60 Hz ± 5%. The power current must be grounded.

📖 **NOTE**
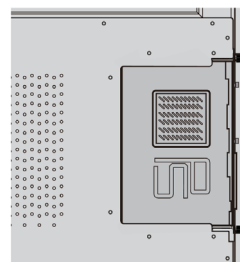
The power outlet should be installed near the equipment and should be easily accessible.

STEP 2:
Flip the power switch located on the side of the product to "On".

Power Supply Plug

Power Switch
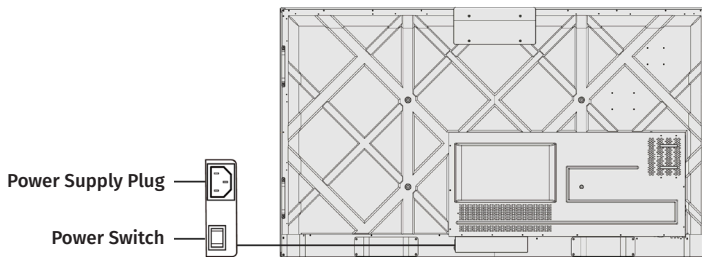
STEP 3:
Press the power button ⏻ on the front control panel or ⏻ on the remote control.

3.2 Power Off

STEP 1:
Press the power button ⏻ on the front panel or the power button ⏻ on the remote control again. The power indicator will turn to red.

STEP 2:
If you are not going to use the product for an extended period of time, we recommend you to switch the power switch to "Off".

📖 **NOTE**

- If an internal PC is equipped, the internal PC and the screen are powered off simultaneously when you power off the system.
- Do not forcibly disconnect the power supply of the screen when the internal PC is on.

4. FAQ & Troubleshooting

Before you contact the technical support staff, please identify a fault according to the following table. If the fault cannot be restored based on the solutions, contact the local distributor for help. For your safety, please do not repair the product on your own.

Symptom	Possible Cause	Solution
The service program fails to be connected.	The drive program is not correctly installed.	Install the drive program correctly.
	The USB port (lead) is not connected or is faulty.	Change the USB lead or check if the USB port is faulty.
	The infrared tube is blocked.	Ensure that the surrounding infrared tubes are not blocked.
No sound and image.	• Check whether the power plug is inserted into the power outlet and whether the panel is powered on. • Check whether the rocker switch on the product is switched on. • Check whether the power button on the panel is pressed. • Check whether the video and audio input cables are connected correctly. • Check whether the panel is switched to the right signal source. • Check the settings on image brightness and contrast. • Check the volume.	
Image is normal, but no sound.	• Check the volume. • Check whether the MUTE button on the remote controller is pressed. • Check whether the audio cable between the PC and the product is connected correctly.	
No image or the image is black and white.	• Modify the color settings. • Check the color system.	

Symptom	Possible Cause	Solution
Image or sound is interrupted.	• Find out the electric appliance that causes the interference and move it away from the product. • Do not share the power socket of the panel with the electric appliance that causes interference.	
The remote controller fails.	• Change the batteries. • Clean the signal emitter at the top of the remote controller. (Check whether it is blocked.) • Check contacts of the batteries.	
Computer cannot be started (applicable for models with computers).	• Check whether the PC adapter is correctly connected and whether the PC is powered on. • Check whether the PC is connected correctly to the product.	

The following symptoms are not faults:

• Very few constantly bright or dark pixels, such as tiny red, blue, green or dark points, may exist on the LED. This symptom is not a fault and does not affect running functions of the panel.
• Slight sound may occur due to the backlight adjustment or ventilation. This is a normal symptom.
• The image and sound are normal. However, you can sense static electricity when you touch the LED and metal back cover. This is a normal symptom.

5. Maintenance Tips

· Do not install or place the product near a heat source.
· Do not install or place the product under direct sunlight, or dusty /damp place.
· Do not install or place the product in places with mechanical vibration or are vulnerable to impact.
· Please keep the product away from grid, large metal objects, radar stations and other equipment.
· Do not use chemical agents to wipe the product body; solvent may cause deterioration or damage to the shell paint. If there is dirt buildup, wipe it with dry, warm cloth after cutting off the power source. Display touch screen can be wiped gently with a clean, soft cloth.
· Do not power on and off the product frequently, so as not to affect the service life of the product. After normal shutdown, please wait three minutes before starting up. If not in use for a long time, please turn off the power and unplug the device.
· To extend the service life of the LED, do not set the display brightness and contrast to the maximum for a long time.
· Do not use hard objects to write on the touch screen, so as not to scratch the glass and affect the display effect.

6. Technical Parameters

Display	
Active Screen Size	75"
Backlight	LED
Display Area	65 x 36.5 in (1651 x 927 mm)
Display Ratio	16:9
Resolution	3840 x 2160 (4K)
Colors	8bit
Brightness	400 cd/m²
Dynamic Contrast	4000:1
Response Time	8ms
Viewing Angle	178°
Continuous Run Time	24/7
Lifetime Hours	≥ 50,000 Hours
Power	
Working Voltage	AC100-240V Max 4.0A
Max Power Consumption	≤400W
Eco Power Consumption	300W
Standby Power Consumption	<0.5W
Touch	
Touch Sensor	Projective Capacitive
Touch Surface Material	Silver Nanowires
Touch Surface Technology	Anti-glare
Transparency	88%±3

Touch

Haze	2%~5%
Touch Surface Hardness	8H
HID Support	Yes
Touch Points	20 Points
Touch Screen Writing Tools	Passive Pen
Positioning Accuracy	±2
Touch Interface	USB

Speakers

Position	Downward
Rated Impedance	8Ω
Frequency Response	180Hz-20KHz when SPL is -10dB
Output S.P.L.	0dB~ -10dB
Max Power Output	15W x 2

Transportation/Storage

Storage Temperature	14°F~113°F
Working Temperature	32°F~104°F
Storage Humidity	20~90%RH (Non-condensing)
Working Humidity	20~80%RH (Non-condensing)
Installation Method	Wall-mounted or Mobile Stand
VESA Mount Pattern	800 x 400mm
Outline Dimensions	68.1 x 39.8 x 3.4 in (1731 x 1010 x 86 mm)
Packing Dimensions	73.2 x 44.7 x 9.7 in (1859 x 247 x 1136 mm)
Net Weight	108 lbs (49 kg)
Gross Weight	136.7 lbs (62 kg)

Compute Module	
CPU	Quad-core 8th Generation Intel Core i5 processor
GPU	Intel UHD 620
RAM	DDR4 8 GB
SSD	128 GB
Wireless	Wi-Fi 6: IEEE 802.11 a/b/g/n/ac/ax compatible Bluetooth Version: 5.2
Lan	1000 Mbps
Security Chip	Built-in
OS Version	VibeOS (Based on Chromium OS)
Connections	
Ports (TV)	HDMI 1.4 b (in) x 1 USB (Type-B) Touch x 1 USB 2.0 (Debug) x 1
Ports (Compute Module)	HDMI 1.4 (out) x 1 USB 3.0 (Type-C) x 1 USB 3.0 x 2 USB 2.0 x 2 LAN x 1 3.5 mm Audio (out) x 1 3.5 mm Audio (in) x 1

For More Information

Please visit our website (https://vibe.us/) for detailed instruction.

Our company is devoted to product innovation and technology enhancement. Therefore, we may change product spec and information without notice. Product pictures in the manual are for reference only, please refer to actual products.