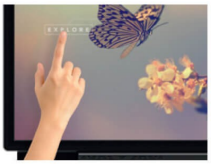
Interactive Flat Panel Displays

IFM75TH653/4

Key Features



Simultaneous Smooth writing Multi - Touch

10 point touch support detects multiple touch points, enhancing the possibility of collaborative work. The screens also provide a precise and user friendly writing experience with its smooth surface.

HDR10 & 4K HDMI @60Hz

Displays supporting HDR10 allows HDR based content to be shown, giving a brighter and more dynamic picture. This is further enhanced due to the support of 4K 60Hz, allowing ultra sharp, smooth Video content to be presented.

Anti Glare Tempered Glass

Prevents light reflection and provides smooth touch performance with anti glare technology. Robust design with toughened glass material to avoid any damage to the screen

Collaborate, Annotate with Oktopus

Collaborate: View lessons, respond, share annotations, and take notes using any tablet or laptop Anntate: Works over browser content & existing applications Poll: Pose questions and gain immediate participant feedback, displaying results instantly.

Display

Screen Size	75"	Panel Technology	IPS
Backlight Type	Direct-Type LED	Brightness (typical)	400 cd/m²
Native Resolution	UHD: 3840 x 2160 - HDR10	Contrast Ratio (typical)	1200:1
Dynamic Contrast Ratio	40000:1	Panel Life Time (Min.)	30000 Hrs
Panel Life Time (Average)	8 ms	Active Area (H x V)	1650 x 928 mm
Pixel Pitch (H x V)	0.429 x 0.429 mm	PPI (pixel per inch)	59
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10	Color Value	1.07 B (10-bit)
Screen Treatment	2H	Haze Level	8%
Refresh Rate	60 Hz	Front Type	Touch Bezel Type
Orientation	Horizontal	Operation Hours	16/7 Panel
Area of Usage	Indoor		

Built-in System

Mainboard Model	17MB135VS

Rear I/Os

RGB Input	VGA(DE-15F)	RGB Output	N/A
Video Input	4xHDMI2.0, 2xUSB2.0, USB2.0(Internal)	Video Output	HDMI2.0
Audio Input	Line In L/R	Audio Output	Headphone, Optic SPDIF
External Control	RS232(DE-9F), Ethernet(RJ45), Service(RJ12)	External Sensor	RJ12

Touch Interactivity

Type of Touch Technology	Infrared (IR) Technology	Continuous Touch Points	10 Points
Sensitivity	Any touch with finger, gloved hand or pointer	Connectivity	HID, TUIO, Flash
Compatibility	Windows®7,Windows®8, Windows®10, Vista, XP, Mac® OS, Linux, Android	Orientation	Landscape support
Calibration	No need	Accuracy	%90
Reporting Rate	Up to 450 fps	Glass Type	Anti Glared (AG), 4mm Tempered
Frame Rate	up to 450 fps	Communication	USB 2.0
Power Supply Mode	USB	Supply Voltage	DC 5V +/- 5%
Average Current	400mA	Response Time	10ms
Touch Accuracy	+/-2mm (over 90% area)	Touch Durability	Unlimited
HID Compatibility	Yes USB	Object Sizes for Touch	5mm

Mechanical

Product Dimensions (WxDxH)	1731 x 119 x 1008 mm	Package Dimensions (WxDxH)	1990 x 265 x 1227 mm
Product Weight	58.3 kg	Package Weight	72.3 kg
Vesa Mounting	600 x 400 mm	Bezel Width	B:38| T:38 | L/R:38 mm

Environmental Conditions

Operating Temperature	+40°C / 0°C	Operating Humidity	90%

Power

Power Supply	110 VAC - 240 VAC

Power Consumption

Typical	240 W	Maximum	320 W
Deep Standby	≤0.5W		

Features

Main Features	USB-Autoplay, Auto-switch on Failover, Control Button Lock, HDMI Wake-Up	Mechanical Features	IR Touch, Joystick, IR Extender Support, Rocker Switch, Detachable power cable, Carrying handles, Detachable logo positioning, Cable Holders
Optional Features	OPS Compliance	Speaker	2 x 12 W

Accessory

Standard	QSG, IB, Power Cord, Remote Control Unit, RC Battery, Mounting Kit, Extension Brackets, IR Extender Cable

Certification

Safety	YES	EMC	YES
CE	YES	Reability Approval	YES