

Interactive Flat Panel IFX863-4P

VESTEL



Key Features

Display

Screen Size	86"
Backlight Type	Direct-Type LED
Brightness (typical)	350 cd/m ²
Native Resolution	UHD: 3840 x 2160 HDR10
Aspect Ratio	16:9
Contrast Ratio (typical)	1200:1
Dynamic Contrast Ratio	35000:1
Panel Life Time (Min.)	30000 Hrs
Response Time (typical)	8 ms
Active Area (H x V)	1895 x 1066 mm
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10
Color Value	1.07 B (10-bit)
Haze Level	8%
Refresh Rate	60 Hz
Glass Type	4 mm Tempered Anti-Glare
Glass Hardness	8 Mohs

Built-in System

Mainboard Model	MB170VS
Operating System	Customized Android Pie 9.0
CPU	CA55 Quad core
GPU	Mali470 MP3
Storage	8GB EMMC
Memory	1.5GB DDR3 / 2GB Upgrade
Wired	10/100 Mbps Ethernet
WiFi	WiFi 5 (802.11 a/b/g/n/ac)
Bluetooth	BT 4.2

User Experience

Home Page	Personalized Background, Home buttons, Navigation bar, Quick Palette
Launcher	All Apps, Profile Login/Logout, Quick Settings, Tools, Source Change
Applications	Whiteboard, ScreenShare, Web browser, File Manager, Media Player
Board Management System	Connected System for User Profile Management
USB Type-C	Data transfer: USB2.0, Charging capability: 7.5W, DP alternate mode: 4K video stream
Others	Over-the-Air SW Update, Screen Freeze, Screen Lock, Dual Pen Recognition, Palm Erase, Annotate over Any Source

Audio Output	Headphone(Line-out), Optic SPDIF
External Control	RS232(3.5mm jack), Ethernet(RJ45), Service(RJ12)
External Sensor	RJ12

Front Accessibility

Front I/Os	2 x USB2.0 Type-A, 1 x USB2.0 Type-B for touch, 1 x HDMI2.0 Input
Console Buttons	Standby on/off Volume up Volume down Touch enable/disable Source Change, Settings
IR Receiver	Fixed on bezel
Audio	2x20 W - Front Facing Speakers
Pen Holder	Integrated Magnetic Tray

Touch Interactivity

Type of Touch Technology	Infrared (IR) Technology
Continuous Touch Points	Max. 20 touch points* *Bounded by application's limits
Touch Resolution	32768 x 32768 px
Sensitivity	Any touch with finger, gloved hand or pointer
Compatibility	Windows@7,Windows@8, Windows@10, Vista, XP, Mac@ OS, Linux, Android
Response Time	< 5 ms
Touch Accuracy	+/- 1 mm (over 90% area)
Pen Type	Battery-less Pen
Pen Identities	2
Object Sizes for Touch	2.8 & 10 mm

Mechanical

Product Dimensions (WxDxH)	1962 x 1184 x 97 mm
Package Dimensions (WxDxH)	2163 x 1405 x 318 mm
Product Weight	TBD
Package Weight	TBD
Vesa Mounting	600 x 400 mm - M8
Bezel Width	B:66 T:15 L/R:15 mm

Environmental Conditions

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

Power

Power Supply	110 VAC - 240 VAC
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Power Consumption

Rear I/Os

RGB Input	VGA
Video Input	4 x HDMI2.0, 2 x USB2.0 type-A, 1 x USB2.0 type-C, 1 x MicroSD (up to 1TB), 1 x Secure Slot (USB2.0), 1 x OPS Slot(15W)
Video Output	1 x HDMI2.0

Typical	280 W
Maximum	400 W
Deep Standby	<0.5 W

Features

Mechanical Features	Slim Bezel, User-Friendly Front Ports and Buttons, Detachable power cable, Carrying handles
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Certification

Safety	YES
EMC	YES
CE	YES