

Datasheet

Fujitsu

Interactive Panel

IW862 Ultra



Fujitsu recommends Windows 11 Pro

New way achieves excellence.

Fujitsu Interactive Panel is the essential hub for modern meeting spaces as well as digitize classrooms. Compared to projector-based systems, the Fujitsu Interactive Panel offers unparalleled visual performance and fosters collaboration to elevate meeting and teaching efficiency.

Brilliant color and Clarity with 4K display resolution

- Available in 86", offers large viewing experience
- High contrast display
- Split screen with PIP and PBP support

Advanced Projected Capacitive (PCAP) touch technology

- Intuitive 40 touch points
- Duo smart pen with 4K pressure sensitivity level
- Palm resistance
- Resistant to optical interference
- Resistant to shielding
- Rapid response, fluent in writing & demonstration



Durable whiteboard surface

- Tempered glass with Mohs hardness level 9
- Anti-glare filter reduces mirror-like reflection
- Slim & Sleek design

Multi OS + multi modules

- Seamless switching between OS
- Built-in Android + pluggable PC module
- Concealed Wi-Fi module supports Wi-Fi 6

Technical Details

Picture performance	
Panel backlit	DLED
Screen surface treatment	AG tempered glass Mohs hardness level 9
Contrast – typical	4,000:1
Viewing angle (h/v) - typical	178°
Color performance	1.07 billion colors (10bit)
Brightness – typical	400 cd/m ² (Typ)
Flicker-free technology	Yes
Low blue light	Yes
Anti-Glare filter	Yes
Picture in Picture (PIP) mode	Yes
Picture by Picture (PBP) mode	Yes
Size and resolution	
Aspect ratio	16:9
Resolution (native)	3,840 (H) x 2,160 (V)
Picture size (H x V)	1,895.04 x 1065.96 mm
Pixel pitch	0.4935 mm
Response time	8 ms (Typ)
Refreshing frequency	60 Hz
Connectivity	
HDMI	1 HDMI-Out (4K 60Hz), 3 HDMI-In (HDMI 2.1)
USB	3 USB 2.0, 2 USB 3.0
USB Type-C®	1 USB Type-C® 65W
Audio output	1
RS232 control	1
LAN In	1 GIGABIT LAN (RJ45)
LAN Out	1 GIGABIT LAN (RJ45)
Touch Out	2 USB 2.0
SPDIF	1 SPDIF
Wi-Fi	Yes, Wi-Fi 6, Dual Band
Touch system	
Sensing type	Capacitance touch recognition
Touch point	40 points touches
Minimum object size	3 mm (Active pen), 8 mm (Passive Pen)
Touch tool	Passive Capacitive Pen Active Capacitive pen Finger touch
Response time	≤10 ms
Accuracy	±1 mm (Active Pen), ±2 mm (Passive Pen)
Hand & Pen Separation	Support
Palm Rejection	Support
Pressure	4096 level
Audio	
Sound channel	2.2 channel
Speaker	2×8W + 2×18W (Total 52W)

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Sound pressure level	86dB
Peak power	108W
Microphone	
Built-in microphone array	8
Audio pickup range	0-8 meters
Built-in sensors / readers	
NFC reader	Yes
Ambient light sensor	Yes
CO2 sensor	Yes
Temperature sensor	Yes
Humidity sensor	Yes
Wireless Screen Mirroring	
Wireless Screen Mirroring	Support
PIN code connection mode	Support both static and dynamic pin codes
Maximum split screens	9
Maximum devices projection	9 Simultaneous (Android mode)
Self-hotspot Screen Mirroring	Support
Native AirPlay protocol for Screen	Support
Native Chromecast protocol for Screen	Support
Native Miracast protocol for Screen	Support
Mirroring of Panel display to client devices	Support
Reversely control Windows / MacOS	Support, client software required
Multi-Panels synchronization	Support
Built-in moderator console	Yes
Power consumption (typical)	
Standby Power	≤0.5 W
Typical power* [1]	330 W
Electrical values	
Rated voltage range	100 V – 240 V
Rated frequency range	5A
Quality and reliability	
MTBF	50,000 h
System	
CPU (Central Processing Unit)	Quad core A73 x 4 + Quad core A53 x 4
GPU (Graphics Processing Unit)	Quad core Mali G52MP8
System memory	8 GB
Storage	64 GB
OS	Android 11
Dimensions / Weight	
Power key location & number	1 Side physical key
Dimension L x H x D	1,958 x 1161 x 79 mm
Dimension (package) L x W x H	2,123 x 280 x 1308 mm
Net weight	62.35kg
Gross weight	83.85kg
Thickness of machine and wall mount	109 mm (9,060 G)
Wall-hanging screw spec	M8 x 25 mm
VESA	800 x 600 mm
Miscellaneous	
Color	Black

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Password lock	Support
USB key Panel lock	Support
Smart shared USB	Support
Switch sources	Support
Scheduled power up / shutdown	Support
Multiple-windows	Support
Environment	
Operating temperature	0°C~40°C
Storage temperature	-10°C~60°C
Storage humidity	10%~80% RH Non-Condensing
Operating humidity	10%~80% RH Non-Condensing
Accessories	
AC power cable	British standard power cord (3 meters)
USB cable	1 USB 2.0 (5 meters)
HDMI cable	1 HDMI 1.4 (3 meters)
Writing pen	Smart pen x 2
Pen Tray	1
Remote control	1
Operation instruction	1
Order information	
Order code	HLIWB0039A-01
EAN code	8888551551743
Warranty	
Standard warranty	3 years (depending on country)
Service level	On-site

Notes:

*[1]: Without slot-in PC, after the user menu is restored to the factory setting, it starts up without any setting and the port is not loaded.

Software Features

Whiteboarding	
Multiple pages note taking	Support
Import files in multiple formats	Support
Export notes in multiple formats	Support
Save notes to OneDrive / Google Drive	Support
Built-in background templates	Support
Customizable background	Support, 4K resolution
Built-in 2D / 3D object drawing tools	Support
Expandable page size	Support
Realtime 4K screen capture and	Support
Intelligent handwriting recognition	Support in Windows mode
Smart objective insertion	Support in Android mode
Real-time whiteboard co-authoring	Support
Cloud based whiteboard co-authoring	Support
Annotation toolbar	Left / right / floating / disabled
Whiteboard content sharing - via email	Support in Windows mode
Whiteboard content sharing - via QR code	Support in Android / Windows mode
Wireless Screen Mirroring	
Wireless Screen Mirroring	Support
PIN code connection mode	Support both static and dynamic pin codes
Maximum number of split screens /	9
Maximum number of split screens /	Unlimited (depending on network bandwidth)
Self-hotspot Screen Mirroring	Support
Native AirPlay protocol for Screen	Support
Native Chromecast protocol for Screen	Support
Native Miracast protocol for Screen	Support
Mirroring of Panel display to client devices	Support
Maximum number of client devices	Unlimited (depending on network bandwidth)
Reversely control Windows / macOS	Support, client software required
Remotely annotate the Panel from the	Support
OnScreen Moderator Control Console for	Support
OnScreen Moderator Control Icon on / off	Support
Invite client device to Screen Mirroring	Support
Multi-Panels display synchronization	Support
Multi-Panel display synchronization	Support
Mobile visualizer feature	Support
Air Mouse/ Keyboard	Support
Wireless projection via QR Code	Support
Wireless projection across subnet	Support
Screen recording (optional module)	
Screen recording	Support
Floating tool menu	
Floating tool menu	Left / right / floating / disabled, position adjustable
Centralized Panel Management – (MDM, optional module)	
Remote batch mode install / uninstall	Support

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Remote installation of application onto	Support
Remote installation of applications from	Support
Remote real-time screen control / view	Support
Remote batch process	Support
Broadcast notice (text and image) to all or	Support
Remote power management	Support power on / off, restart, wake on LAN
Device-level usage history and reports	Support
Low-blue light mode	
Low-blue light mode	Support in Android mode
File management	
File explorer	Support, preinstalled
Web browser	
Web browser	Support, preinstalled
Media player	
Codec supported (Video)	MPEG-1/2, DivX® (1/2/3/4/5/6), MPEG-4 ASP, XviD, 3ivX D4, H.261, H.263 / H.263i, H.264 / MPEG-4 AVC, Cinepak, Theora, Dirac / VC-2, MJPEG (A/B), WMV 1/2, WMV 3 / WMV-9 / VC-1, Sorenson 1/3, DV, On2 VP3/VP5/VP6, Indeo Video v3 (IV32), Real Video (1/2/3/4). * Powered by VLC Player for Android
Codec supported (Audio)	MPEG Layer 1/2, MP3 - MPEG Layer 3, AAC - MPEG-4 part3, Vorbis, AC3 - A/52, E-AC-3, MLP / TrueHD>3, DTS, WMA 1/2, WMA 3, FLAC, ALAC, Speex, Musepack / MPC, ATRAC 3, Wavpack, Mod, TrueAudio, APE, Real Audio, Alaw/μlaw, AMR (3GPP), MIDI, LPCM, ADPCM, QCELP, DV Audio, QDM2/QDMC, MACE. * Powered by VLC Player for Android

More information

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ultimate purpose — "to make the world more sustainable by building trust in society through innovation."

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For more information, please visit <https://www.fujitsu.com/global>

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