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EK Series

Expansive flat panel displays with touchscreen capabilities

The tutortouch EK Series introduces elegant 4K interactive flat panels designed to elevate your teaching and collaborative experience. The EDLA-certified, in-built Bytello operating system ensures safe and secure synchronization of Google apps and accounts, while the powerful 8-core CPU delivers maximum performance.

The panels features advanced touchstcreen writing capabilities, including an impressively low writing height and palm rejection support, enabling you to capture ideas naturally and precisely with near-zero lag. Link up to two additional displays with both Type-C and HDMI multi-connectivity and enjoy seamless access to all connected devices.

- Multi-display support with Type-C and HDMI output
- Multi-functional USB Type-C connectivity
- **400nits** Offering anti-glare display brightness of up to 400 nits
- Driven by a powerful 8-core CPU
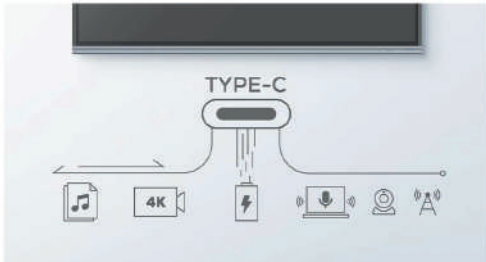- Advanced touchscreen writing capabilities
- Full integration with Google app ecosystem
- **Wi-Fi 6E** Latest wireless connectivity compatible with Wi-Fi 6E

Maximize Productivity

Type-C multi-connectivity provides instant access to all connected devices. Plug in just one cable and connect to webcams, microphones, speakers, USB flash drives, and wired networks. Enjoy 4K video transmission at 60Hz and up to 100W of power to keep your laptop fully charged.

Beautifully Bright

The Type-C and HDMI outputs allow you to easily connect up to three displays together to create an expansive digital canvas. Use the in-built display manager to effortlessly arrange your applications across the various screens and watch your teaching skyrocket.

Effortless Connectivity

Well-lit learning spaces create no obstacle to the perfect viewing experience with the tutortouch IFP EK Series. Equipped with an anti-glare finish and 400 nits of peak brightness, the stunning 4K display can be comfortably seen even in environments with high ambient light.

Our Subscription **Free** Software Suite

Bytello OS:
Rich and Powerful
Teaching Apps & Tools

Bytello Class:
Share screens
between devices

Bytello DMS:
Receive and Push
Firmware Updates

Bytello Class:
Cloud-Based Lesson
Delivery Software

Compatible With

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Intelligent touchscreen writing capabilities allow you to express yourself naturally and precisely. Advanced features such as near-zero latency, pressure sensitivity, and palm rejection support ensure writing is more intuitive and natural than ever before.

In-built Collaboration Tools

The in-built Bytello operating system provides access to the vast collection of productivity and collaboration tools in the Google app ecosystem. EDLA certification means you can rest assured that account and app synchronization takes place swiftly and securely, with just a single click.

Peak Performance

Featuring the Android 13 operating system and an ultrafast 8-core CPU, the EK series guarantees a flawless conference experience. Enjoy 50% faster performance and make every moment productive.

Connect to Wi-Fi 6E

Enjoy the ultimate in wireless connectivity by adding the optional Wi-Fi module. Hidden Wi-Fi antennas ensure nothing distracts from the elegance of the display while still providing an ultra-smooth connection with the latest Wi-Fi 6E.

Specification

Display

Model	EK65GA	EK75GA	EK86GA
Size	65"	75"	86"
Panel Type	VA	VA	VA
Response Time	6.5ms	8msv	6.5ms
Aspect Ratio	16:9	16:9	16:9
Display Area	1428.48(H)×803.52(V)mm	1650.24(H)×928.26(V)mm	1895.04(H)×1065.96(V)mm
Pixel Pitch	0.372×0.372mm	0.42975×0.42975mm	0.4935×0.4935mm
Resolution	3840(H)x2160(V)	3840(H)x2160(V)	3840(H)x2160(V)
Refreshing Frequency	60Hz	60Hz	60Hz
Display Color	1.07B(10bit)	1.07B(10bit)	1.07B(10bit)
NTSC	72%	72%	72%
Contrast Ratio	4000:1	5000:1	4000:1
Viewing Angle	178°(H/V)	178°(H/V)	178°(H/V)
Brightness (min)	350 cd/m2	350 cd/m2	350 cd/m2
Lifetime	≥30000 Hours	≥30000 Hours	≥30000 Hours

Operating System

System Version	Android 13	Android 13	Android 13
RAM	8G	8G	8G
ROM	64G	64G	64G
CPU	A76*4+A55*4	A76*4+A55*4	A76*4+A55*4
GPU	Mali-G610 MC4	Mali-G610 MC4	Mali-G610 MC4

Touch System

Sensing Type	IR	IR	IR
Touch Tool	Passive infrared pen	Passive infrared pen	Passive infrared pen
Minimum object size (Passive pen)	2mm	2mm	2mm
Touch Point	50 points touch (Android 32,Windows 50)	50 points touch (Android 32,Windows 50)	50 points touch (Android 32,Windows 50)
Palm Rejection	Yes	Yes	Yes

I/O Port

HDMI IN	3	Up to 4K@60Hz, HDCP 2.3, CEC
HDMI OUT	1	4K60hz OUT
USB 2.0	1	For system upgrades
USB 3.0	2	Auto Switch
USB Type-C IN	1	PD 15 W, Network Sharing 100Mb (4K60hz OUT)
USB Type-C OUT	1	
TOUCH 2.0	2	2
DP IN	1	DP1.2(4k30hz HDCP1.3&2.3)
AUDIO IN	1	3.5mm Phone Jack
AUDIO OUT	1	3.5mm Phone Jack
SPDIF	1	1
RS232	1	1
RJ45 IN	1	10M/100M/1000Mbps
RJ45 OUT	1	10M/100M/1000Mbps

Audio

Sound Channel	2.2	2.2	2.2
Speaker	2 x8W+2x18W	2 x8W+2x18W	2 x8W+2x18W
Peak power	/	/	/

Power

Power Requirements	100-240V~ 50/60Hz	100-240V~ 50/60Hz	100-240V~ 50/60Hz
Typical Power*[1]	195W	320W	375W
Max Power*[2](W/OPS)	415W	530W	570W
Standby Power	≤0.5W	≤0.5W	≤0.5W

Physical Specifications

Dimension L ×H×D	1488×908×86mm	1709.4×1031×85.7mm	1957×1171×86mm
Dimension (package) L ×W×H	1628×208×1005mm	1863×225×1148mm	2110×225×1291mm
Device thickness and wall mount	116mm(WIB9060G)	115.7mm(WIB9060G)	116mm(WIB9060G)
Wall-hanging screw spec	M8×25mm	M8×25mm	M8×25mm
VESA	600×400mm	800×400mm	800×600mm
Net weight	38.67kg	51.46kg	63.55kg
Gross weight	48.25kg	60.75kg	80.15kg

Accessories

Power Cord	3 M*1	3 M*1	3 M*1
HDMI Cable	3 M*1	3 M*1	3 M*1
USB Touch Cable (Type A-B)	3 M*1	3 M*1	3 M*1
Remote Control	1 pcs	1 pcs	1 pcs
Writing Pen	2 Pcs,SW13F(Anti-bacterial)	2 Pcs,SW13F(Anti-bacterial)	2 Pcs,SW13F

Environmental Conditions

Operation Temperature	0°C~ 40°C	0°C - 40°C	0°C - 40°C
Operation Humidity	10% - 90%	10% - 90%	10% - 90%
Storage Temperature	-20°C -60°C	-20°C -60°C	-20°C -60°C
Storage Humidity	10% - 90%	10% - 90%	10% - 90%
Altitude	Below 5000 meters	Below 5000 meters	Below 5000 meters

Optional Module

PC module	OPS62A-SHA-G	OPS62A-SHA-G	OPS62A-SHA-G
Wireless module	SI07B/SI07E	SI07B/SI07E	SI07B/SI07E

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