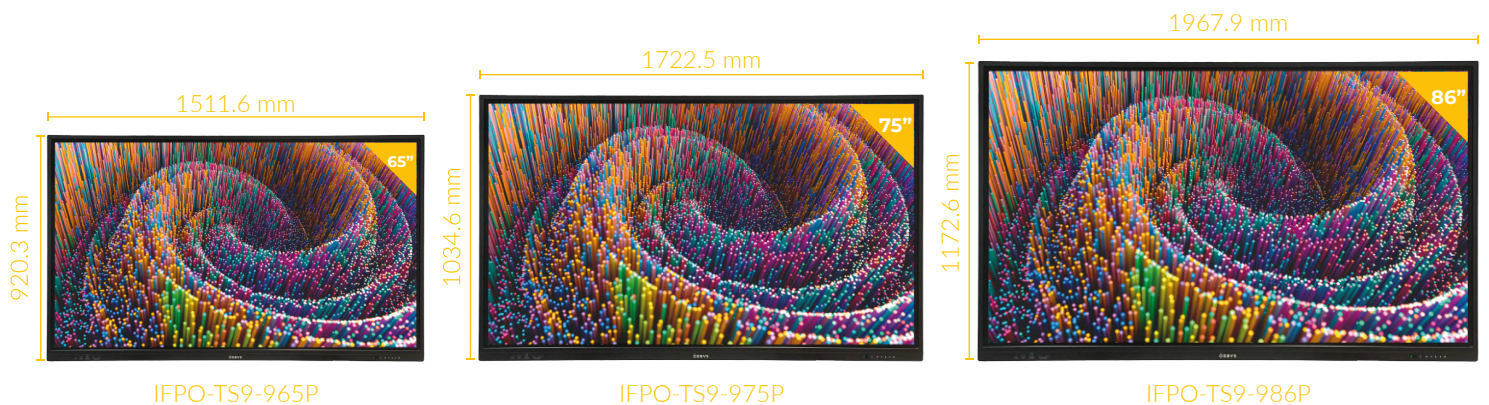


TOUCH SERIE 9 PRO

Discover the features
offered by the most **PRO** series

TECHNICAL SPECIFICATIONS



Technical specifications

TOUCH SERIE 9 PRO

Display	
Display sizes	65" 75" 86"
LED panel	TFT Direct LED (Garde A)
Aspect ratio	16:09
Display area	65": 1428.48(H) x 803.52(V) 75": 1649.664(H) x 927.936(V) 86": 1895.04(H) x 1065.96(V)
Display colors	1.07 Billion (8bit+FRC)
Resolution	4K UHD 3840x2160
Response time	8 ms (typ.)
Frequency ratio	60 Hz
Contrast ratio	1200:1 (typ.)
Estimated life	≥ 50.000 Hrs
Viewing angle	178°(H) / 178°(V)
Brightness/(cd/m2),typ	400 cd/m2
Touch technology	Infrared (IR)
Glass type	Tempered glass Mohs 7
Thickness	4mm
Anti-glare	AG 10%
Sound power	2x15W/ 8Ω (front)

Interactivity	
Front controls	Light sensor, On/Off, Home, Back, Settings, Vol-, Vol+, status LED
Touch technology	IRTF-20
Points	20 touch points
Touch resolution	32768 x32768
Response time	≤8ms
Touch accuracy	90% ±1mm
Object size (Min)	SingleTouch ≥1.6 MultiTouch ≥2mm
Smart pen	x2 Dual Pen with smart tips
Pen holder	Magnetic frame
Gesture detection	Pen/finger, erase, zoom, select recognition
Compatibility	Windows XP, Linux, Mac OS X, Chrome

Operating System	
Chipset	MediaTek 9950
Version	Android 9.0
RAM	8 GB LPDDR4
ROM	64GB eMMC Flash
CPU	Quad Core (4xA73 1.8GHz)
GPU	MaliG52 MP2
Updates	OTA (Hosted in EU)

Connectivity	
Wi-Fi Built-In	802.11a/b/g/n/ac 2.4/5 GHz
Wi-Fi authentication	WEP, WPA, WPA2 PSK, WPA2 ENTERPRISE 802.1X
LAN(RJ45) 100/1000	x2 SWITCH AITCH MODE
Bluetooth	2.1+EDR/4.2/5.0
Hotspot Wi-Fi	Yes

Software	
Included software	DMCS Included
Edu Apps	ORBYS MY CLASS ORBYS QUIZ
Other proprietary Apps	QR Cloud, ORBYS Board

Language	
English	
Spanish	
Portugues	
French	
Italian	
Romanian	
Valencian/Catalan	
Galician	
Basque	

Back side interface	
HDMI 2.0 IN-4K	x 2
HDMI 2.0 OUT-4K	x 1
VGA IN DB15	x 1
AUDIO IN Φ3.5mm mini	x 1
AUDIO OUT Φ3.5mm mini	x 1
USB-A 2.0	x 1
USB-A 3.0	x 2
USB-B 3.0 Touch	x 1
LAN Gigabit RJ45 IN/OUT	x 2
SPDIF 16Mbps	x 1
RS232 IN DB9	x 1
MIC IN Φ3.5mm mini	x 1
DISPLAY PORT 1.2a IN-4K	x 1
OPS Intel JAE slot	x 1

Front interface	
USB Type-C 4K Touch 20V/3A	x 1
HDMI 2.0 IN-4K	x 1
USB-B 3.0 Touch	x 1
USB-A 3.0 Public	x 2
Ambient light sensor	x 1

Accessories	
Remote control	x 1
Dual Pen	x 2
Power cable 3m	x 1
USB A-B 3m cable	x 1
HDMI 3m cable	x 1
4-M8 wall mounting screws	x 1
VESA wall mounting 600x400mm	x 1

DMCS service compatible with TS9 Pro

 Centralised and massive Apps management

 Multi-level access definition and Apps Whitelist/Blacklist

 Display remote control (turn off, NFC or RFID lock...)

Sizes and logistics	TS965 Pro	TS975 Pro	TS986 Pro
Size (W x D x H)	1511.6mm x 87.8mm x 920.3mm	1722.5mm x 87.1mm x 1034.6mm	1967.9mm x 87.1mm x 1172.6mm
Weight	41,5 Kg	54,10 Kg	76,00 Kg
Material	Aluminum/Metal plate		
Color	Black/Black		
Packaging size	1660mm x 220mm x 1010mm	1900mm x 225mm x 1125mm	2160mm x 225mm x 1310mm
Packaging weight	54,65 Kg	65,35 Kg	95,00 Kg
Pallet weight (5)	303,25 Kg	361,75Kg	515,00 Kg
Soporte pared VESA	4-M8 Screw Hole 600mm x 400mm	4-M8 Screw Hole 800mm x 400mm	4-M8 Screw Hole 800mm x 600mm

Energy and working environment	TS965 Pro	TS975 Pro	TS986 Pro
Power requirements	AC 100V~240V, 50/60 Hz		
Power consumption	300 W	380 W	460W
Power consumption (standby)	≤ 0,5 W		
OPS power	DC 18V/5A		
Operating temperature	0°C ~ +40°C		
Storage temperature	-10°C ~ +60°C		
Operating humidity	20% ~ 80% RH Non-Condensing		
Storage humidity	10% ~ 80% RH Non-Condensing		

Installation : ORBYS TOUCH SERIE 9 Pro must be installed by qualified personnel. The use of components not supplied by ORBYS or which do not meet the minimum specifications may affect performance, safety and warranty.

Warranty : 3 years direct, 5 years with registration, and extendable up to 7 years. Warranty and upgrade conditions may vary depending on country or region. Please ask your dealer for details when purchasing.
For all ORBY products visit: <https://orbys.eu/support>

