

DCP-8755 / DCP-8765 / DCP-8775 / DCP-8786

55 / 65 / 75 / 86 Inch Dual-System Interactive Flat Panel



Description

This series interactive flat panel combines advanced display technology with an elegant and durable design. Featuring a 4K soft screen with high-transparency tempered glass and an anti-glare surface, it delivers vivid and comfortable visuals for classrooms, meeting rooms, and collaborative spaces. With its full aluminum profile structure, high-precision infrared touch technology, powerful Android system, and optional OPS computer module, the panel ensures efficient operation and smooth interaction. It also supports diversified hardware expansion, including optional screen projectors, providing flexible solutions for different application needs.

Features

- Whole machine structure: full aluminum profile + fully tempered glass + zinc alloy corner code + mold sheet metal + internal structural parts + plug-in module + wall bracket (optional mobile or pedestrian bracket);
- Display configuration: 4K soft screen, 4KUI, tempered high-transparency glass optical anti-glare;
- Supported pixels: 4K (3840*2160);
- Backlight scheme: D-LED type, color gamut: 85%NTSC (typical value);

- Android configuration: V100:8G running, 128G memory;
- Computer configuration: optional (OPS computer module), which can be combined with corresponding schemes according to requirements;
- Infrared touch: 40-point high precision touch scheme, supporting single point/multi-point touch and writing;
- Sound scheme: front surround dual speakers, active noise reduction: full bass, bright high sound;
- System switch: touch the screen, one-click switch, powerful function, simple operation;
- Product functions: automatic light sensing, remote conference, wireless screen projection, whiteboard writing, multi-channel writing, child lock, screenshot sharing, arbitrary annotation, mobile phone scanning code, etc.

Specifications

Model	DCP-8755	DCP-8765	DCP-8775	DCP-8786
Machine Parameters				
Body Material	Profile: anodized, upper and lower space gray + left and right frosted black Code: gun gray zinc alloy electroplating Back cover: black powder coated sheet metal; stable structure, active heat dissipation			
Front Frame Glass	Physical fully tempered 7 grade explosion-proof glass, optional AG anti-glare treatment			
Overall Machine Size	(L) 1265.6 * (W) 763 * (T) 85mm (including wall bracket thickness 107.9mm)	(L)1485.8 * (W) 888 * (T) 84.8mm (including wall bracket thickness 111mm)	(L) 1708 * (W) 1013.2 * (T) 85mm (including wall bracket thickness 113mm)	(L) 1954 * (W) 1152.9 * (T) 86.1mm (including wall bracket thickness 120mm)
Pacakge Size	(L)1370*(W) 920*(T)200mm	(L)1600*(W) 1000*(T)200mm	(L)1850*(W) 1155*(T)225mm	(L)2110*(W) 1285*(T)225mm
Product Weight	23KG (Net weight) 30KG (Gross weight)	32KG (Net weight) 42KG (Gross weight)	45KG (Net weight) 58KG (Gross weight)	56KG (Net weight) 73KG (Gross weight)
Overall Power	≤ 140W (excluding OPS) Supports OPS power: 95W	≤ 160W (excluding OPS) Supports OPS power: 95W	≤ 180W (excluding OPS) Supports OPS power: ≤ 95W	≤ 370W (excluding OPS) Supports OPS power: ≤90W
Standby Power	≤0.5W	≤0.5W	≤0.5W	≤0.5W
Speaker	2*10W stereo full-range speakers	2*10W stereo full-range speakers (Optional 2*15W)	2*10W stereo full-range speakers (Optional 2*15W)	2*10W stereo full-range speakers (optional 2*15W)
Input Voltage	AC90~264V (50/60Hz)			
Display Parameters				
Panel Size	55 inches (16:9)	65 inches (16:9)	75 inches (16:9)	86 inches (16:9)
Backlight Type	D-LED	D-LED	D-LED	D-LED
Display Area	1211.6 (H) × 682.4 (V)	1430.5 (H) × 805.5 (V)	1652.2 (H) × 930.3 (V)	1897 (H) × 1068 (V)
Resolution Ratio	3840 (H) × 2160 (V) (UHD)	3840 (H) × 2160 (V) (UHD)	3840 (H) × 2160 (V) (UHD)	3840 (H) × 2160 (V) (UHD)

Coloration	10bit, 1.07B	10bit, 1.07B	10bit, 1.07B	10bit, 1.07B
Luminance	Central Point ≥ 350 cd/m ²	Central Point ≥ 350 cd/m ²	Central Point ≥ 350 cd/m ²	Central Point ≥ 350 cd/m ²
Contrast Ratio	$\geq 4000: 1$ (Typ.)	$\geq 4000: 1$ (Typ.)	$\geq 4000: 1$ (Typ.)	$\geq 4000: 1$ (Typ.)
View Angle	178° (H) / 178°(V)	178°(H) / 178°(V)	178°(H) / 178°(V)	178°(H) / 178°(V)
Backlight Life	> 50,000 hours	> 50,000 hours	> 50,000 hours	> 50,000 hours

Touch Parameters

Touch Standards	Promethean standards for UNESCO suppliers			
Touch Embedding Mode	Built-in all-in-one			
Writing Style	Finger, stylus or other opaque object> 1.5mm			
Number of Touch Points	Forty points			
Touch Resolution	32768*32768			
Touch Accuracy	± 1 mm			
Refers Only to Response Speed	≥ 6 ms			
Number of Touches Drivers	Theoretically, the number of times is infinite Automatic system recognition, no driver			
Support System	windows7/10/11, Android, Mac OS	windows7/10, Android, Mac OS	windows7/10, Android, Mac OS	windows7/10, Android, Mac OS
Working Temperature	-10~+50 °C	-10~+50°C	-10~+50°C	-10~+50°C

System Parameters

CPU	Cortex- A55*8 The main frequency is 1.2GHz			
GPU	Mali-G52 MP2			
Run Memory	8G			
Internal Storage	128G			
System Version	Android 14.0			

Optional Computer Configuration

Chip Configuration	Intel Core I3/I5/I7			
OPS Algebra	Generation 3/4/6/8/9/10/12/13			
Run Memory	4G DDR3/DDR4 4G / 8G / 16G			
Solid State Disk	128G / 256G / 512G/1T/2T			
Video Card	Intel Core graphics card Intel HD Graphics			
Operating System	Windows 7 flagship operating system (standard) Windows 10 operating system (optional)			

Android Port Parameters

Rear Port	RJ45*1, (Mini)LINE OUT*1, OPTICAL OUT*1, RS232*1, USB (USB2.0)*2 HDMI IN*2, TOUCH OUT(USB 2.0)*1, MIC IN*1, LINE OUT*1, TF IN*1, HDMI OUT*1			
Front-end Port	HDMI IN*1, USB*2, Touch USB*1, Type-C*1			

List of Accessories

Standard Layout	Magnetic pen *1, remote control *1, power cord (1.5m) *1, wall bracket *1, instruction manual *1			
Optical Configuration	Wireless screen projector, smart page turning pen, HDMI cable (1.5m)			

Installation Parameters

Working Temperature	-10+50℃
Working Humidity	10%RH~90%RH
Storage Temperature	-20℃~60℃
Store Moisture	10%RH~90%RH
Way to Install	Wall mounting (optional pedestrian bracket or mobile trolley)
Wall Bracket Hole Distance	(L)400*(W)400mm
Power Type/Mode/Interface	Three-core power supply/fixed/pinhead
Inbuilt Installation Principle	Signle side +20mm