



VLS EDTECH Trading LLC

IR Touch Interactive Flat Panel Display

Model		HSC65RK3588	HSC75RK3588	HSC86RK3588	HSC98RK3588	HSC110RK3588
Product picture						
Display specification						
Diagonal display size		65(inch)	75(inch)	86(inch)	98(inch)	110(inch)
Bezel color	Aluminum frame(White color)	√	√	√	√	√
Panel type	Ultra HD Direct type LED	√	√	√	√	√
Active area (mm)		1428.48 (H) * 803.52 (V)	1649.66 * 927.93(V)	1895.04 * 1065.96(V)	2187.8(H)×1242.8 (V)mm	2436.48×1370.52 mm (H×V)
Resolution	3840*2160 /60hz	√	√	√	√	3840*2160 /120hz
Pixel Pitch		0.372×0.372mm	0.429×0.429 mm	0.4935 × 0.4935 mm	0.5622×0.5622 mm	0.6435×0.6435 mm
Hardness Glass	Mohs-7 level	√	√	√	√	√
Glass Panel	Anti-Glare glass with zero bonding	√	√	√	√	√
Aspect Ratio	16:9	√	√	√	√	√
Contrast Ratio	1200:1 (type)	√	√	√	√	√
Brightness	400cd/m2	√	√	√	√	√
Color depth	1.07 billion colors	√	√	√	√	√
Viewing angle	178°	√	√	√	√	√
Lifespan	50,000 hours	√	√	√	√	√
Touch Type						
Touch Technology	IR touch	√	√	√	√	√
Multi Touch	Max 40 points(Windows)	√	√	√	√	√
Multi Writing	Max 20 points(Windows)	√	√	√	√	√
Touch Precision	1 mm (over 90% Area)	√	√	√	√	√
Auto-Calibration	Yes	√	√	√	√	√
Anti-light	Yes	√	√	√	√	√
Minimum object size	2mm	√	√	√	√	√
Touch Response Time	First Point <2 ms, Continuation <8 ms	√	√	√	√	√
Supporting OS	Windows 7/8/10/11; Android; Mac; Linux; Chrome OS	√	√	√	√	√
Sound						
Front Speakers	15W*2 (20W*2)	√	√	√	√	√
Subwoofer	20W*1	√	√	√	√	√
Total Power Amplifiers	≅60w	√	√	√	√	√
Microphone (option)						
Type	Wide-area microphones	√	√	√	√	√
Number of Microphones	8	√	√	√	√	√
Auto switch (Windows/Central)	Yes	√	√	√	√	√
Disconnectable	Yes	√	√	√	√	√
camera (option)						
Number of images	4800M (AI) /6400M	√	√	√	√	√
Maximum resolution and frame rate	4208*3120(30fps)	√	√	√	√	√
FOV(field of view)	120 °	√	√	√	√	√
Front Side Connections						
Front Ports	Type-C * 1 line; HDMI IN * 1 line; USB3.0*3; USB-B*1					
Front Keys	Power on/off; Signal source; Setting; ECO; Menu; Volume down; Volume up					
NFC	√					
Fingerprint	√					
Bottom Side Connections						
RJ45_OUT	1	√	√	√	√	√
RJ45_IN	1	√	√	√	√	√
SPDIF OUT	1	√	√	√	√	√
MIC IN	1	√	√	√	√	√

Earphone	1	√	√	√	√	√
HDMI OUT	1	√	√	√	√	√
TYPE C OUT	1	√	√	√	√	√
VGA AUDIO IN	1	√	√	√	√	√
VGA	1	√	√	√	√	√
RS232	1	√	√	√	√	√
Side Connection						
HDMI IN_3	1	√	√	√	√	√
Touch USB_3	1	√	√	√	√	√
HDMI IN_2	1	√	√	√	√	√
Touch USB_2	1	√	√	√	√	√
HDMI IN_1	1	√	√	√	√	√
Touch USB_1	1	√	√	√	√	√
DP	1	√	√	√	√	√
TYPE_C IN	1	√	√	√	√	√
Android USB 3.0	1	√	√	√	√	√
Full Source Sharing USB3.0	2	√	√	√	√	√
TF CARD	1	√	√	√	√	√
WIFI	IEEE 802.11a/b/g/n/ac/ax with 2 x2 MIMO (hotspotonly) (both 2.4 and 5 GHz bands) (wifi6)	√	√	√	√	√
Windows OPS Slot	80-pins OPS slot	√	√	√	√	√
Bluetooth version	5.2	√	√	√	√	√
HMESCCentral						
Android Version	Android 13.0	√	√	√	√	√
Chip	Rockchip RK3588	√	√	√	√	√
CPU	quad-core Cortex-A76 and quad-core Cortex-A55, up to 2.4GHz	√	√	√	√	√
GPU	Mali-G610 MC4	√	√	√	√	√
NPU	6T	√	√	√	√	√
RAM	8GB 16GB 32GB DDR4	√	√	√	√	√
Flash	128GB 256GB	√	√	√	√	√
Compliant with	Windows; Mac; Linux; Chrome OS	√	√	√	√	√
Over-the-Air Updates (OTA)	YES	√	√	√	√	√
Light Sensor	YES	√	√	√	√	√
NFC Reader/Writer	YES	√	√	√	√	√
Temperature, humidity and air quality three-in-one sensor	YES	√	√	√	√	√
Fingerprint module	YES	√	√	√	√	√
General Information						
Power Supply	100-240 V (50/60Hz)	√	√	√	√	√
Switch On / Off	Yes	√	√	√	√	√
Standby Energy Consumption	≤ 0.5 Watt	√	√	√	√	√
Power Consumption		Maximun< 290W Eco<75W	Maximun< 320W Eco<75W	Maximun< 350W Eco<75W	Maximun< 510W Eco<75W	Maximun< 640W Eco<75W
Net Weight	(KG±2)	45	55	70	110	120
Gross Weight	(KG±2)	55	68	85	120	130
Screen Dimensions	(WxDxH)	1470.9 *97.5* 897.5 mm	1692.1 *97.5* *1021.9 mm	1943.4*97.5*1166 mm	2216.1*106.5* *1316.2mm	2500*108*1476mm
Dimensions Package	(WxDxH)	1622 * 190 * 1038 mm	1842 * 190 * 1163 mm	2090 *190 * 1307 mm	2377*220*1486m m	2680*340*1780mm
VESA Standard	(mm)	600*400 mm	600*400 mm	800*600 mm	1000*400mm	1000*400mm
Certifications	CE; EMC + LVD / RoHS / FCC/CCC	√	√	√	√	√
Warranty	ONE year for the whole product and ONE years for touch parts by default. (can be extended, it's for an option)	√	√	√	√	√
Environmental conditions						
Operating Temperature	0°C - 40°C/32 - 100 °F	√	√	√	√	√
Storage Temperature	-20°C - 60°C/-4 - 140 °F	√	√	√	√	√
Storage Humidity	10 % - 90 %	√	√	√	√	√
Usage Humidity	10 % - 90 %	√	√	√	√	√
Accessories						
Accessories	WIFI antenna*2pcs; No ink pen * 2pcs, Remote control *1pcs, 1.5m power cord *1pcs, 1.5m HDMI cable *1pcs, 1.5m USB touch cable *1pcs; wall mount kit					