

SPECKTRON

TDX Series

UltraHD

Interactive LED Display



High End Interactive Technology

CLASS ROOMS / TRAINING ROOMS / BOARD ROOMS



Wireless



Finger Touch



Pen Touch



Embedded PC



Tough Screen

Windows 8



ANDROID

TDX-55

TDX-65

TDX-70

TDX-84

TDX-98

DISPLAY					
Screen Type	TFT LED	TFT LED	TFT LED	TFT LED	TFT LED
Display Area	1209.6 (H) x 680.4 (V)	1428.48 (H) x 803.52 (V)	1538.88 (H) x 865.62 (V)	1860.48 (H) x 1046.52 (V)	2158.85 (H) x 1214.35 (V)
Resolution	1920(H)*1080(V)	1920(H)*1080(V)	1920(H)*1080(V)	3840(H)*2160(V)	3840(H)*2160(V)
Brightness	350 cd/m ² *	360 cd/m ² *	350 cd/m ² *	350 cd/m ² *	500 cd/m ² *
Contrast	1400:1 *	4000:1 *	4000:1 *	1600:1 *	1300:1 *
Response Time	6ms*	8ms*	6ms*	8ms*	5ms*
Number of Color	16.77Million (8-bit)*	1.07Billion (10-bit)*	1.07Billion (10-bit)*	1.07Billion (10-bit)*	1.07Billion (10-bit)*
Refreshing Frequency	60Hz	60Hz	120Hz	120Hz	120Hz
View Angle	178/178	178/178	178/178	178/178	178/178
Service Life	50,000 hrs	50,000 hrs	50,000 hrs	50,000 hrs	30,000 hrs
TOUCH SYSTEM					
Sensing Type	Infrared System (Multi Touch)	Infrared System (Multi Touch)	Infrared System (Multi Touch)	Infrared System (Multi Touch)	Infrared System (Multi Touch)
Response Time	<15ms	<15ms	<15ms	<15ms	<20ms
Response Area	>Φ5mm	>Φ5mm	>Φ5mm	>Φ5mm	>Φ5mm
Output Coordinate	32767 X 32767	32767 X 32767	32767 X 32767	32767 X 32767	32767 X 32767
Communication Mode	Full-speed USB (driver free)	Full-speed USB (driver free)	Full-speed USB (driver free)	Full-speed USB (driver free)	Full-speed USB (driver free)
Surface Protection	Toughened Glass with Level 7 of Mohs Standard	Toughened Glass with Level 7 of Mohs Standard	Toughened Glass with Level 7 of Mohs Standard	Toughened Glass with Level 7 of Mohs Standard	Toughened Glass with Level 7 of Mohs Standard
PC MODULE					
Type	Detachable PC module	Detachable PC module	Detachable PC module	Detachable PC module	Detachable PC module
Processor	Intel Core i5	Intel Core i5	Intel Core i5	Intel Core i5	Intel Core i5
Graphics	Integrated Intel HD	Integrated Intel HD	Integrated Intel HD	Integrated Intel HD	Integrated Intel HD
Sound Card	Integrated High Definition Audio Stereo	Integrated High Definition Audio Stereo	Integrated High Definition Audio Stereo	Integrated High Definition Audio Stereo	Integrated High Definition Audio Stereo
Networking	Integrated 10/100/1000M Adaption	Integrated 10/100/1000M Adaption	Integrated 10/100/1000M Adaption	Integrated 10/100/1000M Adaption	Integrated 10/100/1000M Adaption
Mini Display Port	1	1	1	1	1
Memory	4GB DDR3	4GB DDR3	4GB DDR3	4GB DDR3	4GB DDR3
Hard Drive	500GB SATA	500GB SATA	500GB SATA	500GB SATA	500GB SATA
WiFi	IEEE 802.11a/g/n (2.4GHZ/5GHZ)	IEEE 802.11a/g/n (2.4GHZ/5GHZ)	IEEE 802.11a/g/n (2.4GHZ/5GHZ)	IEEE 802.11a/g/n (2.4GHZ/5GHZ)	IEEE 802.11a/g/n (2.4GHZ/5GHZ)
USB 2.0/3.0	5/2	5/2	5/2	5/2	5/2
HDMI Output	1	1	1	1	1
Earphone Out / Microphone Input	1/1	1/1	1/1	1/1	1/1
Lan Port(RJ45)	1	1	1	1	1
VGA Out	1	1	1	1	1
DISPLAY CONNECTORS					
Speaker Type	Built-in (10W*2)	Built-in (10W*2)	Built-in (10W*2)	Built-in (10W*2)	Built-in (10W*2)
CVBS	1	1	1	1	1
R/L(CVBS)	1	1	1	1	1
VGA Input (15 Pin D-sub)	3	3	3	3	3
HDMI 1080P Input	3	3	3	3	3
VGA Output	1	1	1	1	1
PC Audio Input	3	3	3	3	3
HDMI 4K2K Input				1	1
Coaxial Digital Audio Output	1	1	1	1	1
Audio Output (Earphone port)	1	1	1	1	1
USB (A) 2.0/3.0	3/1	3/1	3/1	3/1	3/1
USB (B)	1	1	1	1	1
RS232 Control	1	1	1	1	1
RJ45	1	1	1	1	1
ANDROID					
Systems Version	Android 4.2.1	Android 4.2.1	Android 4.2.1	Android 4.2.1	Android 4.2.1
CPU	ARM Cortex A9 Dual Core	ARM Cortex A9 Dual Core	ARM Cortex A9 Dual Core	ARM Cortex A9 Dual Core	ARM Cortex A9 Dual Core
GPU	Quad Core	Quad Core	Quad Core	Quad Core	Quad Core
RAM/ ROM	1.5 GB / 8 GB	1.5 GB / 8 GB	1.5 GB / 8 GB	1.5 GB / 8 GB	1.5 GB / 8 GB
POWER					
Power Requirements	100V-240V AC 50/60HZ	100V-240V AC 50/60HZ	100V-240V AC 50/60HZ	100V-240V AC 50/60HZ	100V-240V AC 50/60HZ
Overall Power Consumption	< 190W(typ)	< 370W(typ)	< 370W(typ)	< 500W(typ)	< 650W(typ)
Standby Power Consumption	≤ 0.5W	≤ 0.5W	≤ 0.5W	≤ 0.5W	≤ 0.5W
SUPPLIED ACCESSORIES					
AC Power Cable/Operating Instructions/Quick Start Guide/Writing Pen/Remote Control/VGA Cable/USB Cable/Application and Driver Disk/Audio Cable					
AMBIENT CONDITIONS					
Operation Temperature	0° C-40° C	0° C-40° C	0° C-40° C	0° C-40° C	0° C-40° C
Operation Humidity	10% - 90%	10% - 90%	10% - 90%	10% - 90%	10% - 90%
Storage Temperature	-20° C - 60° C	-20° C - 60° C	-20° C - 60° C	-20° C - 60° C	-20° C - 60° C
Storage Humidity	10% - 90%	10% - 90%	10% - 90%	10% - 90%	10% - 90%
Dimension L*H*W	1315*805*93(mm)	1544.43*937*96(mm)	1649.8*999*98(mm)	1978.2*1186.7*95(mm)	2257*1335*118(mm)
Dimension(package) L*H*W	1480*950*270(mm)	1715*1085*280(mm)	1820*1150*280(mm)	2170*1370*320(mm)	2450*1555*385(mm)
VESA	400*400 (mm)	600*400 (mm)	400*400 (mm)	600*600 (mm)	800*600 (mm)
Net Weight	54 kg	69 kg	71 kg	116 kg	150 kg
Gross Weight	65 kg	80 kg	84 kg	146 kg	200 kg
Supportable Stand	ST01/ST08	ST01/ST08	ST01/ST08	ST01/ST12	ST01

*Ultra HD applicable for 84" & 98"