



ProSpectre Large Screen Personal Computer HD models are available in 43", 49" and 55" display options, with LED backlit LCD screens.

The Large Screen computers provide a dynamic and engaging solution for both education and business environments. ProSpectre HD screens encourage learning, advanced communication and information sharing. ProSpectre HD displays can be turned into a responsive, 10 point interactive screen by adding an optional protective glass, touch overlay. Offering the highest quality, combined with extended product life, ProSpectre HD products are designed for professional applications across many vertical markets. With the optional touch overlay, the now interactive screen allows the user much more than just navigation but also the ability to annotate over presentations or record information on a digital whiteboard. ProSpectre products are designed to be aesthetically pleasing. The design is aimed at a sleek, understated look in order to blend into any environment.

Signal Failover



Our displays have a protection for "No Signal". If the source is disconnected, the display will either show your customized banner or search for any other signal from video sources. Since blank screen is the worst case scenario for advertisement, failover is one of the critical features in our signage displays.

Display Control



Digital Signage Display SoC (System on Chip) enables the users to control our displays using RS232 or IP (Internet Protocol) commands in a Local Area Network. Together with the full RS232 command list you can change/set volume, turn on/off the monitor, set a schedule for content display, set a webpage link to be displayed and give a wide range of commands in real-time.

Scheduler



The built in scheduler is one of the many important included features. The scheduler allows you to plan daily routines when the display is powered on or off, along with selection of different sources or USB playlists.

Integrated Android Processor

CPU	RockChip RK3188
L2 Cache	512KB
EMMC size	8GB
DDR Configuration/Speed	DDR4-8GB/2.4GHz
Support DDR #	2
Max Memory Support	2GB
Memory Interface	2 x 32
SPI Flash Usage	Yes
Internal DDR	No
GPU	Arm Mali-450MP2 3D GPU
USB Ports	2USB 2.0 (4)
HDMI Version (Support Port #)	2.0 (4)
HDCP Version (Support Port #)	2.2
Operating System	Android Nougat 7.1.2

OPS Computer Options

CPU	Intel® Core™ i5-6200U Skylake-U SoC
Chipset	Intel® QM77 with vPro
Resolution Support	Resolution Support Max. 4096 x 2304 @24Hz
GPU	Intel® HD Graphics 520
Memory	2 x SO-DIMM DDR3L Up to 16GB
Network	LAN: 10/100 Mbps, WLAN: 802.11 a/g/n, Bluetooth 4.0, 4G (optional)
Storage	SSD 256 GB, HDD 500 GB
I/O Ports	1 x RS232 3 x USB3.0 1 x USB2.0 1 x HDMI 1 x Headphone 3.5 mm jack 1 x Microphone 3.5 mm jack 2 x WiFi antenna connector (not included) Windows 10
Operating System	

Panel

Mainboard Model	System-On-Chip Model: 17MB135VS
H-Freq	67.5 KHz
Max. Pixel Freq.	74.25 MHz
V-Freq	60 Hz
Size	55"
Backlight Type	DLED
Panel Technology	IPS
Panel Type	24/7 PID Panel
Front Type	Ultra Narrow Bezel
Orientation	Horizontal / Vertical
Resolution	1920 x 1080 (16:9) - HD
Active Area (mm)	1210 x 681
Brightness (Typ.)	700 cd/m2
Contrast Ratio (Typ.)	1000:1
Dynamic Contrast Ratio	70 000:1
Panel life time (Min. / Typ.)	50000 Hrs
Viewing Angle	178°
Response Time	6 ms
Color Value	16.7M (8-bit)
Areas of Usage	Indoor

Monitor Connectivity

Video Input	1x VGA (15 Pin), 3x HDMI20, 2x USB2.0, USB2.0 (Internal)
Video Output	HDMI2.0
Audio Input	Line In Jack
Audio Output	Line Out (Headphone), Optic SP-DIF
External Control	RS232(DSUB 9P), RJ12, Ethernet

Working Conditions

Temperature Conditions	+40°C / 0°C
Humidity	90%

Warranty

Standard Warranty	2 Year
Extended Warranty Options	Up to 5 Years

Power

Power Supply	110 VAC - 240 VAC 50/60 Hz
Power Consumption (Typical)	105 W
Power Consumption (Off)	≤0.5 W
Power Consumption (Active-StandBy)	14 W

Accessory

Standard	Quick Start Guide, Warranty Card, Instruction Booklet, Power Cord, Remote Control, RC Battery, Mounting Kit,
----------	--

Mechanical Features

Size (mm)	1238 (w) x 104 (d) x 712 (h)
Shipping Size (mm)	1369 (w) x 165 (d) x 874 (h)
Weight	17.1 kg
Shipping Weight	21.4 kg
Vesa Mounting Size (mm)	400 x 200, M6
Bezel Width(Bottom-Side-Top)	14 mm, 11 mm, 11 mm

Features

Main Features	Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Wake Up, Auto-switch on Failover, Panel Lock
Mechanical Features	Joystick, IR Extender Support, Rocker Switch, Detachable power cable, Carrying slots, Detachable logo positioning, Internal usb cover, Cable Holder
Optional Features	OPS Compliance, IR Overlay Touch Compliance
Speaker	2 x 8 W

Certification

Safety Approval	Yes
CB	Yes
S-MARK	Yes
EMC Approval	Yes

Optional Accessories

<ul style="list-style-type: none"> ■ Slot-In Intel i5 PC ■ IR Touch Overlay with Tempered Glass 	<ul style="list-style-type: none"> ■ Passive Stylus Pen
---	--