



OneScreen VS Promethean Elements Series

Description	OneScreen Touchscreen	Nickle	Titanium
Hardware			
Display and Sound			
Available Screen sizes	55", 65", 75", 86", 98"	65", 75", 86"	55"
Screen Type	LED	TFT LCD (Direct LED Backlight)	LED
Resolution	3840(H) x 2160(V)	4K UHD (3840 x 2160 @ 60 Hz)	3840(H) x 2160(V)
Brightness	400 cd/m2	65" 4K: 350 cd/m2 75" 4K: 350 cd/m2 86" 4K: 400 cd/m2	500cd/m2
Contrast Ratio	4000:1	4000:1	-
Refresh Rate	60 Hz	60 Hz	60Hz
No. of Colors	1.07 billion (10 bit)	1.07 Billion	1.07 billion
Viewing Angle	178°	178°	178 (H) * 178 (V)
Slot for PC	Yes	Yes	Yes
Input Ports	1x DP 3x HDMI 1x Mic 1x YPBR 1x AV 1x Audio 1x VGA (15 pin D-Sub)	3x HDMI 1x VGA 1x Mic 1x VGA Audio	No
Output Ports	1x AV 1x HDMI 1x Earphone 1x SPDIF	1x Headphone	1 x HDMI
Connectivity	5x USB 2.0 1x Camera USB (Only functional with OPS-PC) 2x Touch Input 1x RS232 2x RJ45 1x Wi-Fi 1x Bluetooth 4.0	2x USB-A 2.0 2x USB Touch (Type B) 1x USB 3.0 (OPS Only) 1x RJ45 1x RS-232 1x CVBS 1x Wi-Fi	1 x SPDIF Audio
Surface Protection	Anti-Glare Tempered Glass Level 7 MoHS	Heat-tempered, Anti-Glare	1 x USB Type C 2 x USB 3.0 1 x RJ-45 1 x NFC
Power Consumption	55" (Maximum 160W, Standby mode <=0.5W) 65" (Maximum 230W, Standby mode <=0.5W) 75" (Maximum 300W, Standby mode <=0.5W) 86" (Maximum 450W, Standby mode <=0.5W)	65"(Maximum <=190W Standby <=0.5 W) 75" (Maximum <=350W Standby <=0.5 W) 86" (Maximum <=390W Standby <=0.5 W)	-
Speakers	15W x2 (Forward Facing) Dolby Speakers	2 x 15 Watts	Maximum 200W, Standby mode <=0.5W
Touch			
Touch Technology	Infrared	In-Glass	In-Glass
Points of Touch Supported	20	15	20
Supported Operating Systems for touchscreen	Windows 10/8/7/XP Linux Mac Android Chrome OS	Windows® 7 to 10 OS X® 10.8 to 10.11 macOS® Sierra 10.12.1 or later Linux® Ubuntu® 18.04 LTS Chrome OS™	Windows® 7 to 10 OS X® 10.8 to 10.11 macOS® Sierra 10.12.1 or later Linux® Ubuntu® 18.04 LTS Chrome OS
Response Time	< 8 ms	10 ms	5 ms

Specifications are subject to change at any time without notice.

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Operating System

Operating System	Android 6.0	Android 8	Android 8
RAM	2GB DDR3 2133MHZ	2 GB	4 GB
ROM	64G EMMC5	16 GB	64 GB
Processor	ARM Cortex A53 1.5 Ghz Quad-core	Quad Core: (2) ARM Cortex A73, (2) ARM Cortex A53	Quad Core: (2) ARM Cortex A73, (2) ARM Cortex A53
Google Playstore	Yes	Yes	Yes
Wireless Screen Sharing/ Mirroring	Eshare iMirror (Airplay)	Yes	Yes
Connectivity	Built-in Wi-Fi Bluetooth 4.0 RJ45 Gigabit Ethernet	Built-in Wi-Fi RJ45 Gigabit Ethernet	Built-in Wi-Fi Bluetooth 4.2 RJ45 Gigabit Ethernet

Software and Support

Software Included*

Screen Mirroring Software	E-Share	ActiveCast	ActiveCast
Supported Devices	Android, iOS, Mac, Windows, and Chromebook	iPads, Macs, Chromebooks, Windows and Android	iPads, Macs, Chromebooks, Windows and Android
Maximum number of devices that can be shared simultaneously	4	4	4
Mirroring from display to other devices	Yes	No	No
Wireless control of shared screen	Yes	No	No
Annotation	OneScreen Annotate (1x perpetual license)	ActivInspire	ActivInspire
Multi-point touch supported	20 touch points	Yes	Yes
Gesture Recognition	Pinch in/out zoom in/out (Palm erase for android mode)	Yes	Yes
Write on any source	Yes	Yes	Yes
Write on desktop	Yes	Yes	Yes
Built-in Image search engine	Yes	No	No
Shape recognition	Yes	Yes	Yes
Text recognition	Yes	Yes	Yes
Screen recording for whiteboard session with audio recording	Yes	Yes	Yes
Screen capture tools	Yes	Yes	Yes
Support for annotating on various formats	Yes	Yes	Yes
Video Conferencing	OneScreen Hype (50x one-year licences included)	3rd Party Software	3rd Party Software
Multi-point video/audio call	Up-to 50	-	-
Screen share and control	Yes	-	-
Multiple camera streams from single device	Yes	-	-

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SIP/PSTN Interoperability	Yes	-	-
In-meeting polling options	Yes	-	-
Platforms supported for conferencing	Android / iOS / Mac / Windows / Chrome OS / Linus	-	-
Guest users	Yes	-	-
Dedicated Meeting rooms	Yes	-	-
Live Support	Yes, via video / audio / email / chat / phone	-	-
Remote Screen Sharing	OneScreen Swap (50x one-year licences included)	-	-
Provide screen view/control access to multiple participants simultaneously	Yes (up to 50 participants)	-	-
Control/View multiple screens simultaneously	Yes (up to 50 participants)	-	-
Educational	Oktopus	ActivInspire ClassFlow	ActivInspire ClassFlow
Dedicated Subject based tools	Yes. (Math, Language, Geography, Chemistry, Physics etc.)	Yes (maths only)	Yes (maths only)
Lessons Repository	Thousands of lessons designed for K-12 schools, designed as per curriculum of different states in USA.	Yes	Yes
Lesson Management System	Yes	Yes	Yes
Classroom collaboration supported	Up to 40 students can collaborate, answer polls and quizzes etc.	Yes	Yes
Subject based games	Yes. Quad games supported (Up to 4 games simultaneously)	No	No
Collaboration devices OS supported	iOS, Android, MacOS, ChromeOS, Windows	Windows, MacOS, Linux	Windows, MacOS, Linux

Support and Training

Support	Yes, via video / audio / email / chat / phone	Yes, via phone / Email	Yes, via phone / Email
Training	Yes (free online training)	Yes	Yes
Warranty	1-Year Standard Advanced Hardware Replacement (optional)	3-Year Warranty (upgrade options available).	3-Year Warranty (upgrade options available).

*PC required for select functionality.
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