



### Display

|                    |                        |                         |                         |                         |
|--------------------|------------------------|-------------------------|-------------------------|-------------------------|
| Active Screen Size | 55"                    | 65"                     | 75"                     | 86"                     |
| Backlight          | LED                    | LED                     | LED                     | LED                     |
| Display Area (in)  | 47.6 x 26.8            | 56.2 x 31.7             | 65 x 36.5               | 74.6 x 42               |
| Display Ratio      | 16:9                   | 16:9                    | 16:9                    | 16:9                    |
| Resolution         | 1920 x 1080 (HD)       | 3840 x 2160 (4K)        | 3840 x 2160 (4K)        | 3840 x 2160 (4K)        |
| Colors             | 1.07Billion (8bit+FRC) | 1.07Billion (10bit+FRC) | 1.07Billion (10bit+FRC) | 1.07Billion (10bit+FRC) |
| Brightness         | 370 cd/m <sup>2</sup>  | 370 cd/m <sup>2</sup>   | 370 cd/m <sup>2</sup>   | 370 cd/m <sup>2</sup>   |
| Dynamic Contrast   | 4000:1                 | 4000:1                  | 4000:1                  | 4000:1                  |
| Response Time      | 6ms                    | 8ms                     | 8ms                     | 8ms                     |
| Viewing Angle      | 178°                   | 178°                    | 178°                    | 178°                    |
| Lifetime Hours     | ≥ 50,000 hours         | ≥ 50,000 hours          | ≥ 50,000 hours          | ≥ 50,000 hours          |

### Power

|                           |                        |                        |                        |                        |
|---------------------------|------------------------|------------------------|------------------------|------------------------|
| Working Voltage           | AC 100-240 V, 50/60 Hz | AC 100-240 V, 50/60 Hz | AC 100-240 V, 50/60 Hz | AC 100-240 V, 50/60 Hz |
| Max Power Consumption     | ≤180W                  | ≤220W                  | ≤300W                  | ≤450W                  |
| Eco Power Consumption     | 250W                   | 250W                   | 250W                   | 300W                   |
| Standby Power Consumption | <0.5W                  | <0.5W                  | <0.5W                  | <0.5W                  |

### Touch

|                            |                           |                           |                           |                           |
|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Touch Surface Material     | Anti-glare tempered glass | Anti-glare tempered glass | Anti-glare tempered glass | Anti-glare tempered glass |
| Touch Surface Technology   | InGlass                   | InGlass                   | InGlass                   | InGlass                   |
| Transparency               | >89%                      | >88%                      | >88%                      | >88%                      |
| Haze                       | 2%~5%                     | 2%~5%                     | 2%~5%                     | 2%~5%                     |
| Touch Surface Hardness     | 8H                        | 7H                        | 7H                        | 7H                        |
| Touch Sensor               | Projective Capacitive     | Projective Capacitive     | Projective Capacitive     | Projective Capacitive     |
| HID Support                | Yes                       | Yes                       | Yes                       | Yes                       |
| Touch Points               | 10 Point                  | 20 Point                  | 20 Point                  | 20 Point                  |
| Touch Screen Writing Tools | Pen or Finger             | Pen or Finger             | Pen or Finger             | Pen or Finger             |
| Positioning Accuracy       | ±1                        | ±1.2                      | ±1.2                      | ±1.2                      |
| Touch Interface            | USB                       | USB                       | USB                       | USB                       |

### Speakers

|                    |                       |                       |                       |                       |
|--------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Position           | Forward               | Forward               | Forward               | Forward               |
| Rated Impedence    | 8Ω                    | 8Ω                    | 8Ω                    | 8Ω                    |
| Frequency Response | 90 Hz (±20%) - 18 kHz | 90 Hz (±20%) - 18 kHz | 90 Hz (±20%) - 18 kHz | 90 Hz (±20%) - 18 kHz |
| Output S.P.L.      | 82 ± 3 db             | 84 ± 3 db             | 84 ± 3 db             | 84 ± 3 db             |
| Max Power Output   | (2) 15W               | (2) 15W               | (2) 15W               | (2) 15W               |

### Microphones

|                                 |                         |                         |                         |                         |
|---------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Sensitivity                     | -28db ± 3dB             | -28db ± 3dB             | -28db ± 3dB             | -28db ± 3dB             |
| Frequency Response              | 100Hz - 7.75kHz         | 100Hz - 7.75kHz         | 100Hz - 7.75kHz         | 100Hz - 7.75kHz         |
| Polar Patterns                  | Omnidirectional         | Omnidirectional         | Omnidirectional         | Omnidirectional         |
| Total Harmonic Distortion (THD) | <1% at 6dB SPL          | <1% at 6dB SPL          | <1% at 6dB SPL          | <1% at 6dB SPL          |
| Pickup Range                    | 26.2 ft                 | 26.2 ft                 | 26.2 ft                 | 26.2 ft                 |
| Quantity                        | 1 Array (4 Microphones) | 1 Array (4 Microphones) | 1 Array (4 Microphones) | 1 Array (4 Microphones) |

### Camera

|                  |                          |                          |                          |                          |
|------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Position         | 1 Top, 1 Bottom          | 1 Top, 1 Bottom          | 1 Top, 1 Bottom          | 1 Top, 1 Bottom          |
| Sensor           | 2M Pixels                | 2M Pixels                | 2M Pixels                | 2M Pixels                |
| Lens             | 86°                      | 86°                      | 86°                      | 86°                      |
| Video Resolution | 1920 x 1080@30 fps (max) | 1920 x 1080@30 fps (max) | 1920 x 1080@30 fps (max) | 1920 x 1080@30 fps (max) |
| Frame Rate       | 30 fps/60 fps            | 30 fps/60 fps            | 30 fps/60 fps            | 30 fps/60 fps            |

### Transportation/Storage

|                     |                           |                           |                           |                           |
|---------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Storage Temperature | 14°F~113°F                | 14°F~113°F                | 14°F~113°F                | 14°F~113°F                |
| Working Temperature | 32°F~104°F                | 32°F~104°F                | 32°F~104°F                | 32°F~104°F                |
| Storage Humidity    | 20~90%RH (non-condensing) | 20~90%RH (non-condensing) | 20~90%RH (non-condensing) | 20~90%RH (non-condensing) |

|                                |                              |                              |                              |                              |
|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| <b>Working Humidity</b>        | 20~80%RH (non-condensing)    | 20~80%RH (non-condensing)    | 20~80%RH (non-condensing)    | 20~80%RH (non-condensing)    |
| <b>Installation Method</b>     | Wall-mounted or Mobile Stand | Wall-mounted or Mobile Stand | Wall-mounted or Mobile Stand | Wall-mounted or Mobile Stand |
| <b>VESA Mount Pattern</b>      | 400x400mm                    | 600x400mm                    | 800x400mm                    | 800x400mm                    |
| <b>Outline Dimensions (in)</b> | 52 x 34.9 x 3.4              | 61.7 x 41.1 x 3.5            | 70.6 x 46.1 x 4              | 80.3 x 51.8 x 4              |
| <b>Packing Dimensions (in)</b> | 57.9 x 39.2 x 10.4           | 67.7 x 46.1 x 10.8           | 75.5 x 51 x 10.8             | 84.7 x 55.1 x 12.2           |
| <b>Net Weight (lbs)</b>        | 82                           | 109                          | 126                          | 156                          |
| <b>Gross Weight (lbs)</b>      | 100                          | 129                          | 162                          | 200                          |

### Embedded Operating System

|                        |                                |                                |                                |                                |
|------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| <b>Chipset</b>         | ARM Cortex A9 Quad Core 1.5GHz | ARM Cortex A9 Quad Core 1.5GHz | ARM Cortex A9 Quad Core 1.5GHz | ARM Cortex A9 Quad Core 1.5GHz |
| <b>CPU</b>             | ARM Cortex A53 4*core 1.4GHz   | ARM Cortex A53 4*core 1.4GHz   | ARM Cortex A53 4*core 1.4GHz   | ARM Cortex A53 4*core 1.4GHz   |
| <b>GPU</b>             | ARM Mali450 6*core 600MHz      | ARM Mali450 6*core 600MHz      | ARM Mali450 6*core 600MHz      | ARM Mali450 6*core 600MHz      |
| <b>RAM</b>             | 2 GB                           | 2 GB                           | 2 GB                           | 2 GB                           |
| <b>ROM</b>             | 8 GB                           | 8 GB                           | 8 GB                           | 8 GB                           |
| <b>External Memory</b> | None                           | None                           | None                           | None                           |
| <b>OS Version</b>      | Android 4.3                    | Android 5.0.1                  | Android 5.0.1                  | Android 5.0.1                  |

**Supported Files Formats** Image: JPEG, BMP, PNG; Video: MPEG2, MPEG4, H264, HEVC(H.265); Audio: WMA, MP3, M4A, (AAC)

### Standard Included OPS (Upgrades Possible)

|                         |                                |                                |                                |                                |
|-------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| <b>CPU</b>              | i7-4610M                       | 2.40GHz i7-6200U               | 2.40GHz i7-6200U               | 2.40GHz i7-6200U               |
| <b>GPU</b>              | Intel HD Graphics 4600         | Intel HD Graphics 520          | Intel HD Graphics 520          | Intel HD Graphics 520          |
| <b>RAM</b>              | 8 GB DDR3 1600 MHz             | 8 GB DDR3 1600 MHz             | 8 GB DDR3 1600 MHz             | 8 GB DDR3 1600 MHz             |
| <b>Hard Drive</b>       | 128GB SSD                      | 256GB SSD                      | 256GB SSD                      | 256GB SSD                      |
| <b>USB 2.0</b>          | 4                              | 2                              | 2                              | 2                              |
| <b>USB 3.0</b>          | 2                              | 2                              | 2                              | 2                              |
| <b>LAN</b>              | 1                              | 1                              | 1                              | 1                              |
| <b>HDMI</b>             | 1                              | 1                              | 1                              | 1                              |
| <b>Microphone In</b>    | 1                              | 1                              | 1                              | 1                              |
| <b>Line Out</b>         | 1                              | 1                              | 1                              | 1                              |
| <b>Built-in WiFi</b>    | 802.11b/g/n                    | 802.11b/g/n/ac                 | 802.11b/g/n/ac                 | 802.11b/g/n/ac                 |
| <b>Operating System</b> | Win10 x 64 (other OS optional) | Win10 x 64 (other OS optional) | Win10 x 64 (other OS optional) | Win10 x 64 (other OS optional) |

### I/O Ports

|                     |   |
|---------------------|---|
| <b>OPS Slot</b>     | YES 4K@60HZ / OPS included with each panel  |
| <b>Input Ports</b>  | (2) HDMI 2.0 4K@60Hz; (2) HDMI 1.4 4K@30Hz (1) DisplayPort; (5) USB Touch; (1) USB 3.0; (4) USB 2.0; (1) Microphone |
| <b>Output Ports</b> | (1) HDMI out 4K@60fps; (1) Line out; (1) SPDIF out; (1) Power DC 5V-2A Out  |
| <b>Other Ports</b>  | (1) RS232; (2) RJ45   |