



| Model                  | TT-5521Q              | TT-6521Q              | TT-7521Q              | TT-8621Q              | TT-9821Q              |
|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Picture                |                       |                       |                       |                       |                       |
| <b>Display</b>         |                       |                       |                       |                       |                       |
| Active Screen Size     | 55"                   | 65"                   | 75"                   | 86"                   | 98"                   |
| Backlight              | LED                   | LED                   | LED                   | LED                   | LED                   |
| Display Area (in)      | 47.6 x 26.8 in        | 56.2 x 31.7 in        | 65 x 36.5 in          | 74.6 x 42 in          | 85.1 x 47.9 in        |
| Display Ratio          | 16:09                 | 16:09                 | 16:09                 | 16:09                 | 16:09                 |
| Resolution (in pixels) | 3840 x 2160 (4K)      | 3840 x 2160 (4K)      | 3840 x 2160 (4K)      | 3840 x 2160 (4K)      | 3840 x 2160 (4K)      |
| Colors                 | 1.07 billion (8 bit)  | 1.07 billion (8 bit)  | 1.07 billion (8 bit)  | 1.07 billion (8 bit)  | 1.07 billion (8 bit)  |
| Brightness             | After Glass           | After Glass           | After Glass           | After Glass           | After Glass           |
| Center Brightness      | 400 cd/m <sup>2</sup> | 400 cd/m <sup>2</sup> | 400 cd/m <sup>2</sup> | 400 cd/m <sup>2</sup> | 400 cd/m <sup>2</sup> |
| Contrast Ratio         | Dynamic 4000:1        | Dynamic 4000:1        | Dynamic 4000:1        | Dynamic 4000:1        | Dynamic 4000:1        |
|                        | Static: by OC spec    | Static: by OC spec    | Static: by OC spec    | Static: by OC spec    | Static: by OC spec    |
| Response Time          | 8 ms                  | 8 ms                  | 8 ms                  | 8 ms                  | 8 ms                  |
| Max Response Time      | 10 ms                 | 10 ms                 | 10 ms                 | 10 ms                 | 10 ms                 |
| Viewing Angle          | 178°                  | 178°                  | 178°                  | 178°                  | 178°                  |
| Lifetime Hours         | 50,000 hours          | 50,000 hours          | 50,000 hours          | 50,000 hours          | 50,000 hours          |

| <b>Power</b>              |                     |                     |                     |                     |                     |
|---------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Working Voltage           | AC100-240V Max 3.0A | AC100-240V Max 3.0A | AC100-240V Max 3.0A | AC100-240V Max 3.0A | AC100-240V Max 3.0A |
| Max Power Consumption     | ≤500W               | ≤500W               | ≤500W               | ≤600W               | ≤650W               |
| Eco Power Consumption     | <250W               | <250W               | <300W               | <400W               | <500W               |
| Standby Power Consumption | <0.5W               | <0.5W               | <0.5W               | <0.5W               | <0.5W               |
| ENERGY STAR® Compliant    | Yes                 | Yes                 | Yes                 | Yes                 | Yes                 |

| <b>Touch</b>               |                                                               |                                                               |                                                               |                                                               |                                                               |
|----------------------------|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|
| Touch Solution             | IR                                                            | IR                                                            | IR                                                            | IR                                                            | IR                                                            |
| Glass Surface Technology   | Anti-Glare + Anti-Fingerprint, + Antimicrobial Tempered Glass | Anti-Glare + Anti-Fingerprint, + Antimicrobial Tempered Glass | Anti-Glare + Anti-Fingerprint, + Antimicrobial Tempered Glass | Anti-Glare + Anti-Fingerprint, + Antimicrobial Tempered Glass | Anti-Glare + Anti-Fingerprint, + Antimicrobial Tempered Glass |
| Transparency               | 88%±3                                                         | 88%±3                                                         | 88%±3                                                         | 88%±3                                                         | 88%±3                                                         |
| Haze                       | by OC spec                                                    | by OC spec                                                    | by OC spec                                                    | by OC spec                                                    | by OC spec                                                    |
| Touch Surface Hardness     | 7H                                                            | 7H                                                            | 7H                                                            | 7H                                                            | 7H                                                            |
| Touch Points               | 20 Point                                                      | 20 Point                                                      | 20 Point                                                      | 20 Point                                                      | 20 Point                                                      |
| Touch Screen Writing Tools | Stylus or Finger                                              | Stylus or Finger                                              | Stylus or Finger                                              | Stylus or Finger                                              | Stylus or Finger                                              |

| <b>Speakers</b>    |                               |                               |                               |                               |                               |
|--------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Position           | Bottom Front                  | Bottom Front                  | Bottom Front                  | Bottom Front                  | Bottom Front                  |
| Rated Impedance    | 6Ω                            | 6Ω                            | 6Ω                            | 6Ω                            | 6Ω                            |
| Frequency Response | 180Hz-20KHz when SPL is -10dB | 180Hz-20KHz when SPL is -10dB | 180Hz-20KHz when SPL is -10dB | 180Hz-20KHz when SPL is -10dB | 180Hz-20KHz when SPL is -10dB |
| Output S.P.L.      | 0dB~ -10dB                    | 0dB~ -10dB                    | 0dB~ -10dB                    | 0dB~ -10dB                    | 0dB~ -10dB                    |
| Max Power Output   | (2) 20W                       | (2) 20W                       | (2) 20W                       | (2) 20W                       | (2) 20W                       |

| <b>Transportation/Storage</b> |                            |                            |                            |                            |                            |
|-------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Storage Temperature           | 14°F - 113°F               | 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               | 32°F - 104°F               |
| Storage Humidity              | 0~90%RH (non-condensing)   | 0~90%RH (non-condensing)   | 0~90%RH (non-condensing)   | 0~90%RH (non-condensing)   | 0~90%RH (non-condensing)   |
| Working Humidity              | 20~80%RH (non-condensing)  | 20~80%RH (non-condensing)  | 20~80%RH (non-condensing)  | 20~80%RH (non-condensing)  | 20~80%RH (non-condensing)  |
| Mounting Options (optional)   | Wall-mount or Mobile Stand | Wall-mount or Mobile Stand | Wall-mount or Mobile Stand | Wall-mount or Mobile Stand | Wall-mount or Mobile Stand |
| VESA Mount Pattern            | 600x400mm                  | 600x400mm                  | 800x400mm                  | 800x400mm                  | 800x600mm                  |
| Outline Dimensions (in)       | 50.8 x 30.1 x 2.9 in       | 59.4 x 34.1 x 3.4 in       | 68.1 x 39.8 x 3.4 in       | 77.8 x 45.3 x 3.4 in       | 88.8 x 53.6 x 4.2 in       |
| Packing Dimensions (in)       | 55.8 x 34.3 x 8.7 in       | 64.6 x 40.8 x 8.7 in       | 73.2 x 44.7 x 9.7 in       | 87.4 x 50.4 x 10.8         | TBD                        |
| Net Weight (lbs)              | 69.4 lbs                   | 79.4 lbs                   | 108 lbs                    | 132.3 lbs                  | 187.4 lbs                  |
| Gross Weight (lbs)            | 83.8 lbs                   | 102.5 lbs                  | 136.7 lbs                  | 167.6 lbs                  | 220.5 lbs                  |

| <b>Embedded Operating System</b> |                                                                                                                                                                                                                                                                      |                       |                       |                       |                       |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| SoC Chipset                      | Amlogic 311D2                                                                                                                                                                                                                                                        | Amlogic 311D2         | Amlogic 311D2         | Amlogic 311D2         | Amlogic 311D2         |
| RAM                              | 4 GB                                                                                                                                                                                                                                                                 | 4 GB                  | 4 GB                  | 4 GB                  | 4 GB                  |
| ROM                              | 32GB                                                                                                                                                                                                                                                                 | 32GB                  | 32GB                  | 32GB                  | 32GB                  |
| Android Version                  | Android 11.0                                                                                                                                                                                                                                                         | Android 11.0          | Android 11.0          | Android 11.0          | Android 11.0          |
| External Memory (Built In)       | Expandable up to 64GB                                                                                                                                                                                                                                                | Expandable up to 64GB | Expandable up to 64GB | Expandable up to 64GB | Expandable up to 64GB |
| Supported Files Formats          | Video: MPEG1, MPEG2, MPEG4, SorensonH.263, H.263, H.264, HEVC/H.265, MVC, AVS, AVS+, WMV3, VC1, Motion JPEG, VP8, VP9, RV30/RV40<br>Audio: MPEG1/2 @LAYER1; @LAYER2; @LAYER3, EAC3, ACC-LC, HEAAC, VORBIS, LPCM, IMA-ADPCM, MS-ADPCM, G711 A/MU-LAW, LBR(COOK), FLAC |                       |                       |                       |                       |
| Camera Module                    | Optional                                                                                                                                                                                                                                                             | Optional              | Optional              | Optional              | Optional              |

| <b>I/O Ports</b> |                                                                                                                                                                                                                                                                 |  |  |  |  |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
| Front Interface  | USB Type-C (PD 65W) x 1, HDMI 2.0 x 1, USB Type-B (Touch) x 1, USB (3.0) Type-A x 1, Mic in x 1                                                                                                                                                                 |  |  |  |  |
| Rear Interface   | HDMI IN 2.0 x 2; DisplayPort 1.2 x 1; USB Type-B (Touch) x 3; USB 3.0 Type-C (no PD) x 1; USB 3.0 Type-A x 2, USB 3.0 Type-A to Android x 1, HDMI OUT 2.0 x 1, RS232 x 1, RJ45 (Gigabit) IN x 1, RJ45 (Gigabit) OUT x 1, OPS x 1, SPDIF x 1, Audio Line out x 1 |  |  |  |  |
| Other            | Optional Wi-Fi module slot                                                                                                                                                                                                                                      |  |  |  |  |

| <b>Camera Module (optional)</b> |                    |  |  |  |  |
|---------------------------------|--------------------|--|--|--|--|
| Camera Resolution               | 4K@ 30 Hz /UHD     |  |  |  |  |
| Field of View                   | 120° FOV Lenses    |  |  |  |  |
| IR Camera                       | 352 x 352 / 30 fps |  |  |  |  |
| Camera Tile Range               | 15°                |  |  |  |  |