

| AXEL BOARD | H SERIES | | | | |
|------------------------|--|------------------------|------------------------|------------------------|------------------------|
| Diagonal Size | 55 inch | 65 inch | 75 inch | 86 inch | 98 Inch |
| Type | LED HD A-grade Screen | | | | |
| Backlight | DLED | | | | |
| Aspect Ratio | 16:9 | | | | |
| Protection Glass | 4mm Tempered Anti-Glare, Anti-Scratch Glass, 7H | | | | |
| Resolution | 3840 × 2160 | | | | |
| Pixel Distance | 0.315mm × 0.315mm | 0.372mm × 0.372mm | 0.430mm × 0.430mm | 0.494mm × 0.494mm | 0.562mm × 0.562mm |
| Brightness | 300 cd/m ² | 350 cd/m ² | 400 cd/m ² | 400 cd/m ² | 450 cd/m ² |
| Contrast | 1200:1 (typ.) | | | | |
| Response Time | 8ms | | | | |
| Colour Depth | 8 bit, 16.7 Million | | 10 bit, 1.06 Billion | | |
| Touch Technology | Infrared | | | | |
| Touch Points | 20 points | | | | |
| Resolution | 32768 × 32768 | | | | |
| Response Time | 6ms | | | | |
| Power Consumption | ≤1W | | | | |
| CPU | AXEL848 main board. Android system display board, based on dual-core A73 and dual-core A53 CPU, G51MP GPU | | | | |
| Network | 2.4G/5G wireless network, wired network | | | | |
| RAM / ROM | 3GB DDR3 / 32GB or 4GB DDR3 | | | | |
| Multimedia Video | MPEG-2/4,AVS,H.264,H.265,TS,Realmedia... | | | | |
| Multimedia Audio | MPEG1/2 layer I/II,AAC-Lc,WMA... | | | | |
| System Version | Android 8.0 | | | | |
| Display Mode | Standard, Soft, User, Bright | | | | |
| Max Use Time (hrs/day) | 24 Hours | | | | |
| Viewing Angle | 178 (H) / 178 (V) | | | | |
| Speaker | 8Ω 10W × 2 | | | | |
| Power | 150W | 180W | 320W | 380W | 518W |
| Standby Power | 0.5W | | | | |
| Power Supply | 100V – 240V, 50Hz – 60Hz | | | | |
| Life Span | 50,000 Hours | | | | |
| Operating Temperature | 0°C – 50 °C | | | | |
| Operating Humidity | 20% – 90% RH non-condensing | | | | |
| Storage Temperature | -20°C – 60°C | | | | |
| Storage Humidity | 10% – 90% RH non-condensing | | | | |
| Frame Material | Aluminium Alloy | | | | |
| Frame Color | Silver / Black / Silver and Black / Can be customized | | | | |
| Set Size | 1267 × 782 × 80mm | 1515 × 940 × 100mm | 1740 × 1065 × 110mm | 1990 × 1210 × 110mm | 2262 × 1351 × 103mm |
| Package Size | 1400 × 905 × 210mm | 1650 × 1065 × 255mm | 1915 × 1205 × 260mm | 2155 × 1350 × 260mm | 2454 × 1523 × 260mm |
| Display Area Size | 1210mm × 680mm | 1430mm × 805mm | 1650mm × 930mm | 1895mm × 1065mm | 2160mm × 1221mm |
| Net Weight | 43.5kg | 47.8kg | 61.8kg | 74.4kg | 132kg |
| Gross Weight | 50kg ± 1.5kg | 57kg ± 1.5kg | 75kg ± 1.5kg | 95kg ± 1.5kg | 135kg±1.5kg |
| Accessories (Included) | Remote control × 1 Power cable × 1 Touch pen × 2 Warranty (2 years) | | | | |
| Accessories (Optional) | OPS Intel i5/i7 Computer with 8GB RAM and 128HDD Mobile Floor Display Stand with lockable wheels AXEL CAST XWR/XWT Screen Sharing Device NFC Reader to read Mifare/Type B/FeliCa/15693 Contactless Card AXEL CAM AC20 Video Conferencing Camera Extended 2- or 4-years warranty | | | | |



H SERIES
H55/H65/H75/H86/H98

NFC INTERACTIVE BOARD
IoT READY

AxelBoard is an All-In-One Smart Interactive Board, that features a 4K Display with multi touch point. The main controller is based on an Android system board, running on 2 dual-core MCUs and a dedicated graphic engine.

The H Series board is designed to meet business and education requirement. It offers a full range of sizes and options to suit different sizes of rooms and features.

It is easy to use and is equipped with tools and features to make every session productive and efficient. Since it is an All-in-One device, you do not need any other equipment.

AxelBoard is NFC enabled and IoT ready.

4K Ultra HD 3840 x 2160 display



- 1 billion bright pixels delivering an incredible viewing experience
- In sizes from 55" to 98" to satisfy all classrooms and corporate meeting room needs

Switchable dual operating system



- By adding an Open Pluggable (OPS) unit, the Axel Board can provide an additional Windows Operating System. (Moving from Android to Windows can be done conveniently via the touch screen)

(Android or Windows 10)

Interactive collaboration



- Present any documents from your computer to the board, operate application software, surf and display websites
- Annotate anywhere on the display or any digital documents

Output connectivity



- Provide multiple ports for attaching external devices and sources. It can be HDMI, USB3.0, 3.5mm speaker ports etc.

Versatile connectivity



- USB, HDMI, and VGA connections enable user to connect to variety of multimedia devices

Near Field Communication



- NFC Reader for CEPAS and mobile, and other smart cards. (Attendance, Smart Classroom)

Multi-touch experience



- Up to 20 point touch. (Allow multiple users to annotate on the display simultaneously)

Screen sharing



- The Axel Board comes built-in with a screen sharing receiver
- Mobile devices can follow the on board instruction to cast their devices on to the Axel Board
- For laptop, we have the AXEL CAST transmitter which can facilitate 2 way touch response.

Digital whiteboard



- Serves as a platform for writing or scribbling like an actual whiteboard

Quick launcher



- Customise your commonly use function into the hot keys for quick start and operate

Energy star certification

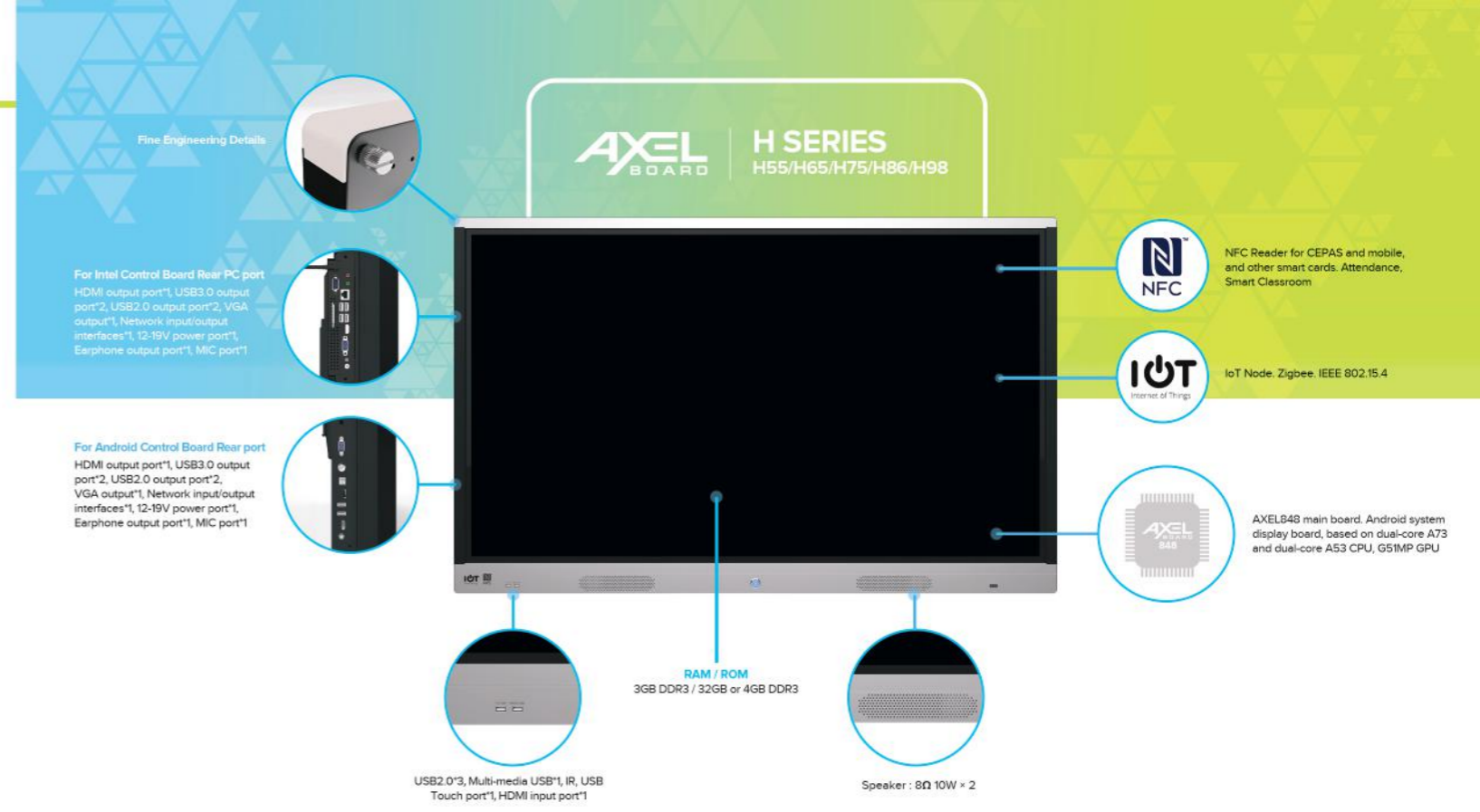


- Certified energy-efficient to save on energy bills without sacrificing features and performance

IOT Ready



- The Axel Board has a built in IoT node based on the IEEE 802.15.4 (Zigbee)



USE CASES

