

# MAXHUB Interactive Flat Panel

## S8620 Datasheet

Best-in-class performance comes easily with the MAXHUB Interactive Flat Panel S8620. Combining a pro-grade display with effortless operation and innovative safety features to protect students' health, this classroom all-star meets the unique needs of young learners and those who teach them.



| SoC |               |
|-----|---------------|
| CPU | A72*4 + A53*4 |
| GPU | G52 MC3       |
| NPU | 6 TOPS        |

| Operating System          |            |
|---------------------------|------------|
| Android                   | Android 14 |
| Google EDLA Certification | Yes        |

| Storage |        |
|---------|--------|
| RAM     | 8 GB   |
| ROM     | 128 GB |

| LCD                           |                                       |
|-------------------------------|---------------------------------------|
| Screen Size (Inch)            | 86"                                   |
| Type                          | TFT LCD module with DLED backlight    |
| DC Dimming (For Flicker Free) | Yes                                   |
| Resolution                    | 3840 (H) × 2160 (V)                   |
| Landscape / Portrait          | Landscape                             |
| Brightness (Typ.)             | 400 nits                              |
| Brightness (Max.)             | 450 nits                              |
| View Angle (Minimum)          | H = 178, V = 178 (typ.)               |
| Contrast Ratio                | 1200 : 1 (typ.)<br>50,000:1 (dynamic) |
| Operating Hour                | 16 / 7                                |
| Frequency                     | 60 Hz                                 |
| Backlight                     | DLED                                  |
| Response Time                 | 8 ms                                  |
| Color Gamut                   | 98% sRGB                              |
| Backlight Lifetime            | ≥ 50000 hrs                           |
| Haze                          | 25%                                   |

| Touch System                      |                     |
|-----------------------------------|---------------------|
| Type                              | IR                  |
| Touch Point                       | 50 points           |
| Touch Accuracy                    | ± 0.5 mm (over 90%) |
| Minimum Touch Objective           | 1.5 mm              |
| Writing Height                    | 1 mm                |
| Response Time                     | < 2.5 ms            |
| Multi-Level Identification Number | 4                   |
| Bonding                           | Zero bonding        |
| Palm Rejection                    | Yes                 |

| Software          |                                                                   |
|-------------------|-------------------------------------------------------------------|
| System OS         | MAXHUB EDU OS V4                                                  |
| Whiteboard Tool   | MAXHUB Class Pro                                                  |
| Screen Sharing    | MAXHUB Connect                                                    |
| Device Management | MAXHUB Pivot                                                      |
| Google Apps       | Google Play, Google Drive, Google Meet, Google map, YouTube, etc. |
| Other Apps        | Browser, Cloud Drive, Note, Palette, etc.                         |

| Physical Specification              |                         |
|-------------------------------------|-------------------------|
| Dimension (W × H × D)               | 1957 × 1178.5 × 99.4 mm |
| Shipping Dimension (W × H × D)      | 2110 × 225 × 1304 mm    |
| Thickness of Machine and Wall Mount | 129.4 mm (WIB9060H)     |
| Wall-hanging Screw Spec             | M8 × 25 mm              |
| VESA                                | 800 × 600 mm            |
| Net Weight                          | 54.55 kg                |
| Gross Weight                        | 66.10 kg                |

**Statement**

Size and weight vary by configuration and manufacturing process, please refer to the actual product. The product images are for illustrative purposes only and may slightly differ in appearance, colour, size, etc. from the actual product. The description, illustrations, etc. in this document may subject to change in accordance with the latest product specification and performance. Should the above-mentioned change in the document become necessary, the document may be updated without written notice.

| I/O Port                   |                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------|
| USB 2.0                    | × 1                                                                               |
| USB 3.0                    | × 4                                                                               |
| USB Type-C                 | × 1 (USB 2.0 + DP + 5V3A)<br>× 1 (USB 2.0 data +DP+ PD65W, 15W with OPS inserted) |
| Touch Out Type-B (USB 3.0) | × 2                                                                               |
| HDMI Out (2.0)             | × 1                                                                               |
| HDMI In (2.0)              | × 3                                                                               |
| DP In                      | × 1                                                                               |
| VGA In                     | × 1                                                                               |
| RJ45 In                    | × 1 (10/100/1000 Mbps)                                                            |
| RJ45 Out                   | × 1 (10/100/1000 Mbps)                                                            |
| PC Audio In (3.5 mm)       | × 1                                                                               |
| Audio Out (3.5 mm)         | × 1                                                                               |
| RS232                      | × 1                                                                               |
| Internal Connector for OPS | × 1                                                                               |
| SPDIF                      | × 1                                                                               |
| TF Card Slot               | × 1                                                                               |
| Wi-Fi Module               | SI07B                                                                             |

| Camera   |                                                 |
|----------|-------------------------------------------------|
| Quantity | × 1                                             |
| Pixel    | 50MP                                            |
| FOV      | 99° DFOV                                        |
| Position | Middle                                          |
| Feature  | Manual Mode<br>Auto Framing<br>Speaker Tracking |

| Microphone           |        |
|----------------------|--------|
| Quantity             | 8      |
| Distance of a Pickup | 0-12 m |

| Power Adaptor |                     |
|---------------|---------------------|
| AC-In         | 100-240 VAC +/- 10% |

| Audio (HD)       |          |
|------------------|----------|
| Speaker Capacity | 2 × 20 W |

| Sensor       |     |
|--------------|-----|
| Light Sensor | Yes |

| Button       |     |
|--------------|-----|
| Power Button | Yes |

| Accessory               |             |
|-------------------------|-------------|
| Power Cord              | × 1 (3 m)   |
| Touch Pen (Passive Pen) | × 2 (SW13F) |

| Environmental Condition |              |
|-------------------------|--------------|
| Operating Temperature   | 0°C ~ 40°C   |
| Storage Temperature     | -20°C ~ 60°C |
| Operating Humidity      | 10% ~ 90% RH |
| Storage Humidity        | 10%~ 90% RH  |
| Altitude                | Below 5000 m |