

# Touchscreen Core



## Skimp-free quality that fits your budget.

Works just like a tablet, so teachers already know how to use it.

Full-feature screen with an Octa-core processor, 8 GB RAM, and 128 GB storage at a price that makes sense.

Elevate your teaching work flow with bite-size apps and AI tools made for teachers: create lessons, record, annotate, transcribe, generate a quiz, and more.

Experience school-ready reliability with Android 14 and EDLA. Get advanced security with Google single sign-on and AMS directory.

**OneScreen**

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Free, unlimited help & training

## SOFTWARE AND APPS

### ONBOARD TOUCHSCREEN TOOLS

#### Interactive Whiteboard

**Write** is a powerful whiteboard with cloud drive integration, built-in browser, multiple pens, text recognition. You can also drop lessons from OneScreen Lessn directly into the Write whiteboard tool.

#### Screen Sharing

**Share** allows screen sharing and streaming from up to 30 devices (iOS, Android, Windows, Chrome, MacOS).

#### Smart Screen Tools

Discovery and search tools include AI Chatbot and Smart Select available on screen anytime.

#### Go-To Classroom Tools

Stopwatch, timer, screen recorder, spotlight, screen capture, cloud drive, freeze and multitasking.

### APPS FOR ANY DEVICE

#### Transcription / Translation

**Scrybe** Scrybe delivers real-time closed captions, and translation in 28 languages, AI-driven transcription, summaries, and topics generation. (microphone needed)

#### Smart Summaries

**SuprNotes** seamlessly creates a smart summary and detailed study guides of your lecture from classroom recordings, transcription, annotations, voice, on-screen videos, and documents.

#### Easy, Real-time Polling

**QuizWiz** delivers editable, real-time polls and quizzes in seconds using your trusted content. Integrated with Google Drive and Google Forms. Save and share results.

#### Simple Lesson Creation

**Lessn** helps teachers build standards-based lessons or create their own AI-driven lessons.

### TOUCHSCREEN USAGE & CONTROL

#### Secure User Accounts

Your **Account** integrates Google Accounts and cloud drives for each user. It also supports NFC card and QR code login.

#### Control that Mimics Your Phone

User interface design that feels familiar. Swipe up, down and side to side. Customize floating toolbars. Use your finger, stylus, voice, or remote.

#### Push Button Notifications

**Beacon** allows users to send customizable notifications via email, phone, and text using an optional Beacon card.

#### Centralized Management

Get centralized control of settings, policies, and applications for your touchscreens, as well as message broadcasting.

\*All software, apps and tools are free for the first year or perpetual.

## HARDWARE

| Display              |                                                  |                               |                                                                       |
|----------------------|--------------------------------------------------|-------------------------------|-----------------------------------------------------------------------|
| Size                 | 86"                                              | Resolution                    | 3840 × 2160                                                           |
| Refresh rate         | 60 Hz                                            | Display colors                | 1.07 Billion colors                                                   |
| Backlight            | DLED                                             | Contrast ratio                | 1200:1                                                                |
| NTSC                 | 72%                                              | Brightness                    | 400 cd/m²                                                             |
| Viewing angle        | 178° (H/V)                                       |                               |                                                                       |
| Sound                |                                                  |                               |                                                                       |
| Speaker type         | 2 Built-in, Left/Right                           | Speaker output                | 2x 20W                                                                |
| Ports & Connectivity |                                                  |                               |                                                                       |
| HDMI input           | 3x (1x Front, 2x Side)                           | HDMI output                   | 1x                                                                    |
| VGA input            | 1x                                               | DP 1.2                        | 1x                                                                    |
| Type-C in            | 1x Front 65W, 1x Rear 15W                        | Type-C functionality          | Full feature Type-C with USB, Video, Audio, Network and touch support |
| Audio in             | 1x 3.5mm                                         | Audio out                     | 1x 3.5mm                                                              |
| Touch USB ports      | 2x USB 3.0                                       | USB ports                     | 5x (2x Front USB 3.0, 2x Side USB 3.0, 1x Side USB 2.0)               |
| OPS PC slot          | 1x OPS PC Slot                                   | SD card slot                  | 1x                                                                    |
| Serial port          | 1x RS232 (DB9)                                   | Bluetooth                     | 5.3                                                                   |
| Wi-Fi                | Wi-Fi 6E (2.4 Ghz / 5 Ghz / 6 Ghz)               | SPDIF                         | 1x                                                                    |
| Ethernet (RJ45)      | 2x RJ45 (Gigabit Ethernet 10M/100M/1000M in/out) |                               |                                                                       |
| Touch                |                                                  |                               |                                                                       |
| Surface protection   | Anti-glare, Anti-fingerprint, 9H hardness        |                               |                                                                       |
| Touch resolution     | 32768 x 32768                                    | Touch accuracy                | ±1.5 mm                                                               |
| Annotation           | Yes (over any source)                            | Palm rejection                | Yes                                                                   |
| Touch response time  | <5 ms                                            | Pen and touch differentiation | Yes                                                                   |
| Technology           | IR touch with Zero bonding Gen2                  | Touch                         | Up to 40 points                                                       |

| Computing                       |                                                                                                     |                      |                                    |
|---------------------------------|-----------------------------------------------------------------------------------------------------|----------------------|------------------------------------|
| OS version                      | Android 14 with EDLA                                                                                |                      |                                    |
| CPU                             | Octa-core processor (4x A53 + 4x A72)                                                               |                      |                                    |
| GPU                             | Mali G52MC3                                                                                         | NPU                  | 6 TOPS (for AI processing)         |
| Storage                         | 128 GB                                                                                              | RAM                  | 8 GB                               |
| Other Features                  |                                                                                                     |                      |                                    |
| Voice commands                  | Supported (Requires microphone)                                                                     | Ambient light sensor | Yes for auto brightness adjustment |
| Blue-light filter               | Yes                                                                                                 | Wake-on-LAN          | Supported                          |
| Wake-on-HDMI                    | Supported                                                                                           |                      |                                    |
| Physical                        |                                                                                                     |                      |                                    |
| Operating temperature           | 32°F - 104°F                                                                                        | Operating humidity   | 10% - 90% RH                       |
| Product weight                  | 112 .3 lbs                                                                                          | Shipping weight      | 147.0 lbs                          |
| Product dimensions              | 77.0" x 45.7" x 3.8"                                                                                | Shipping dimensions  | 83.1" x 50.5" x 8.9"               |
| Power                           |                                                                                                     |                      |                                    |
| Power consumption               | 0.5 W (Standby)                                                                                     | Power consumption    | 230 W                              |
| Included Accessories            |                                                                                                     |                      |                                    |
| Wall mount                      | VESA Standard 800 x 600 Flush Wall mount                                                            |                      |                                    |
| Included cables                 | 1x HDMI cable, 1x Power cable, 1x USB touch cable                                                   |                      |                                    |
| Accessories                     | 2x Stylus pens with anti-bacterial coating, 1x Magnetic Eraser, 1x Remote control for display       |                      |                                    |
| Optional Accessories            |                                                                                                     |                      |                                    |
| Amplifyr                        | Optional (Includes 2x wireless mics and 1x receiver). Supports audio amplification                  |                      |                                    |
| Wireless Mic Kit                | Optional (Includes 2x wireless mics and 1x receiver)                                                |                      |                                    |
| Sensors                         | Optional Sensor Box Module (Motion , Humidity, Temperature, TVOC, and Particulate Matter Detection) |                      |                                    |
| Wireless Keyboard with Trackpad | Optional                                                                                            | Camera               | Optional                           |
| NFC card reader                 | Optional (Included in Sensor Box Module)                                                            |                      |                                    |