

RIOTOUCH TEACHERDOC FOR CLASSROOMS

Brief the class. Train the team. Run the classroom.

TeacherDoc is a 27" or 32" desktop digital podium that stands exactly where the lectern stands. It faces the people in the classroom, keeps the lesson, the computing and the classroom control on one screen — and its 80-pin OPS slot lets you upgrade the PC without replacing the screen.



27" / 32"

Two screen sizes, one podium

4K UHD

3840 × 2160 on both sizes

80-pin OPS

Upgrade the PC, keep the TeacherDoc

Why TeacherDoc works in your classroom

One podium for the three jobs a classroom actually asks for: briefing the class, training staff and students, and running the classroom — on the desk you already have.



Flexible computing options

80-pin OPS slot: Windows, Android or our AetherOrb AI Box.



Upgrade the PC, keep the TeacherDoc

Swap the computing module in minutes; the screen stays.



27" or 32", both 4K UHD

3840 × 2160 on either panel size.



Write on it, with a pen or finger

10-point multi-touch with a precision stylus.



Classroom control built in

Display & projector, lighting, curtains, air conditioning, camera, bell & broadcast.



One podium, three jobs

Briefings, training and classroom operations.



Sized for a lectern

Stands in the footprint of the lectern it replaces — no rebuild.



Moves with the timetable

Optional 12V battery pack and a padded carry case.

Briefings

Present to the classroom, facing the classroom

Training

Staff, students and induction sessions

Operations

Control and monitor the classroom

27" / 32"

Two sizes, one OPS platform

APPLICATION 01 · BRIEFINGS & PRESENTATIONS

Present to the classroom — and never turn your back on it.



TeacherDoc stands on the lectern in place of the paper notes. The audience follows the content on the classroom's main display while the presenter works from the podium — annotating, switching sources and answering questions without leaving the front of the classroom.

- Speak to the classroom with the material in front of you, not behind your shoulder
- Annotate live on the podium and share it to the main display
- Present from the podium's own OPS module, or from a laptop over HDMI
- Works with the classroom's microphone, camera and speakers
- Runs the standard meeting software the school or department already uses

Assembly halls, lecture theatres and large classrooms.

Plenary sessions, policy briefings and staff meetings: the same podium can be used from a small meeting table or the front of a hall, in 27" or 32".

APPLICATION 02 · TEACHING & TRAINING

Teach from the front. Train from the same podium.

Lesson material, worksheets and demonstrations sit on the TeacherDoc at lectern height, so the teacher keeps the class in view while working. On training days the same podium becomes the instructor's station — and the surface a colleague demonstrates from.

- Lesson content, textbooks and PDFs, annotated with the stylus
- Lead a class or a staff training session from one position
- Demonstrate software hands-on, then hand the pen to a trainee
- Record or stream the session with the classroom camera
- 27" for one-to-one and small groups, 32" for a full class

One podium, every classroom on the timetable.

Classrooms, science labs and training suites: with the optional battery pack the panel stays live while it is wheeled or carried to the next classroom.



APPLICATION 03 · SMALL-GROUP WORK & ANNOTATION

Put the document between you — and mark it up together.



Plans, drawings, floor layouts, forms and reports are easier to discuss when everyone can see and mark the same copy. TeacherDoc lies back on the desk and becomes the shared working surface — 27" fits a group table, 32" suits a larger classroom.

- Annotate directly over drawings and documents with the stylus
- Zoom into detail and keep the class or group following on the main display
- Review a proposal, a timetable or a classroom plan together, then save the marked-up copy
- Wireless screen sharing from a laptop, phone or tablet
- Cloud document sync and central device management

Department meetings, design reviews, parent consultations.

The same desk screen that teaches in the morning can review the budget in the afternoon.

APPLICATION 04 · CLASSROOM CONTROL & OPERATIONS

Run the classroom from the front of it.

TeacherDoc is also the classroom's control console. Our own control software runs on the podium, so the whole classroom is operated from the screen the teacher is already standing at — no wall panel, no remote controls, no walk to the cabinet.

- **Displays & projection** — interactive panel, projector and motorised screen, on and off
- **Lighting & curtains** — scenes for teaching, presenting and dismissal
- **Air conditioning** — temperature, fan speed and mode
- **Camera & audio** — PTZ camera, microphones and the classroom's speakers
- **Bell & announcements** — scheduled bells and broadcast messages to the classroom
- **One-touch lesson start** — a single button brings the classroom up or shuts it down
- **Scheduled automation** — classrooms ready before the first lesson, off after the last
- **Remote management** — device status, firmware and settings from the school network



Built in, not bolted on.

Classroom control is part of our own software stack rather than a third-party system: the same podium that presents the lesson also switches the classroom on in the morning and off at the end of the day.

OPS STANDARD · FUTURE-PROOF COMPUTING

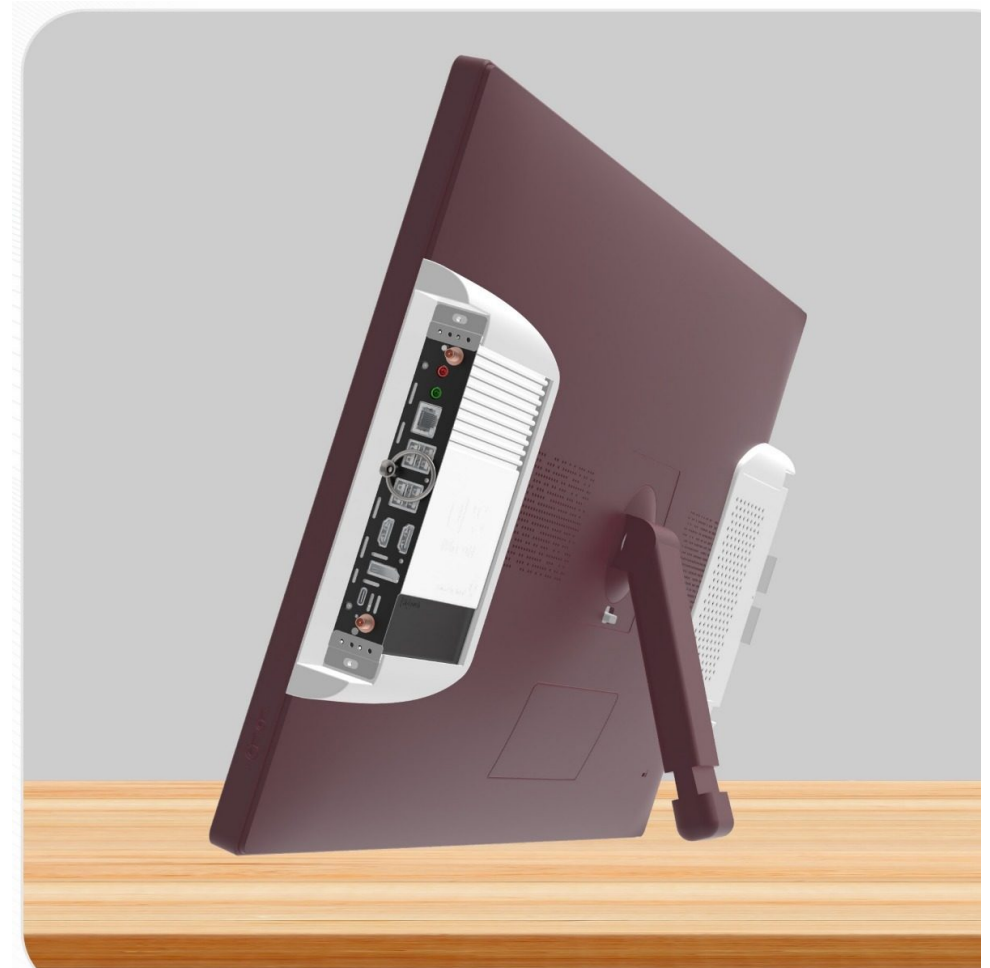
Upgrade the PC. Keep the TeacherDoc.

A standard 80-pin OPS slot takes a Windows or Android computing module, or our AetherOrb AI Box with DaisyOS. Swap the module in minutes and keep the podium, the stand and the screen you already installed — no new mounting, no new installation, no furniture to replace.

- The TeacherDoc, stand and panel all stay in service
- Change the module when the school's IT standard changes
- Run DaisyOS, Windows or Android on the same hardware
- No wall fixing and no classroom rebuild to plan for

A lectern lasts ten years. Computing does not.

Buy the podium once and refresh the module whenever the school is ready. Budgets stay focused on teaching, not on replacing furniture every time the software moves on.



CLASSROOM TO CLASSROOM · AND SCHOOL TO SCHOOL

Take the front of the classroom with you.

Some classrooms have no socket at the front, and some weeks are spent on the road. The optional 12V battery pack keeps the panel live while it is moved between classrooms, and the padded case fits in the boot of a car — so the same TeacherDoc can be demonstrated at school after school.

- Optional 12V / 12000 mAh battery pack
- Stand-mounted, one-person lift
- Padded carry case standard; flight case and trolley optional
- Case in the boot: demonstrate at several schools in one day
- Panel, stand, OPS module, power supply and stylus each have their own compartment



Packed for the road: panel, stand, OPS module or AI Box, power supply, stylus and battery pack travel in one case that goes in a car boot.

Match your classroom, not just your workflow

A screen that stands at the front of a teaching space should look like it belongs there. Instead of a single industrial black box, choose one of five standard finishes — or specify your own to match your school's brand and interior. Available on both the 27" and the 32" TeacherDoc.



BLACK



BURGUNDY



MINT



WHITE



GREY

Five standard colours

Black, burgundy, mint, white and grey — stocked finishes with a short lead time.

Custom RAL / Pantone

Send us the reference and we will sample it against your brand or interior scheme.

One look, one order

Pick one finish for the whole campus, or match each building as you roll out.

PROFESSIONAL GRADE · BUILT FOR THE SCHOOL DAY

Specifications

PARAMETER	27" TEACHERDOC	32" TEACHERDOC
Panel size	27"	32"
Resolution	3840 × 2160 (4K UHD)	3840 × 2160 (4K UHD)
Colour depth	1.07 billion colours	1.07 billion colours
Touch	10-point multi-touch, stylus support	10-point multi-touch, stylus support
OPS interface	80-pin OPS slot — Windows & Android modules	80-pin OPS slot — Windows & Android modules
AI Box (optional)	AetherOrb AI Box with DaisyOS pre-installed	AetherOrb AI Box with DaisyOS pre-installed
Android module CPU	RK3576 — quad-core Cortex-A72 + quad-core Cortex-A53	RK3576 — quad-core Cortex-A72 + quad-core Cortex-A53
RAM / storage	4GB / 64GB (optional 8GB / 128GB)	4GB / 64GB (optional 8GB / 128GB)
Operating system	Android / Windows (DaisyOS option)	Android / Windows (DaisyOS option)
Classroom control	Display & projector, lighting, curtains, air conditioning, PTZ camera, bell & broadcast, scheduling	Display & projector, lighting, curtains, air conditioning, PTZ camera, bell & broadcast, scheduling
I/O	HDMI in / out · USB touch · USB 3.0 · RJ45 · audio out · OPS slot	HDMI in / out · USB touch · USB 3.0 · RJ45 · audio out · OPS slot
Battery pack (optional)	12V / 12000 mAh	12V / 12000 mAh
Mounting	Desk stand, lectern footprint; carry case optional	Desk stand, lectern footprint; carry case optional
Finishes	5 standard colours, custom RAL / Pantone on request	5 standard colours, custom RAL / Pantone on request


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