

Preschool Education Solutions

Technology that lets you
Teach *Your Way*

BenQ Education
Shape the Future of Learning

BenQ Boards

BenQ Board Pro
BenQ Board Master
BenQ Board Essential

Digital Signage

Pantone® Validated Pro
Signage Pantone® Validated
Signage 4K Smart Signage



Contents

 **BenQ Preschool Education Solutions**

 **Classroom Scenarios**

 **A Greener Solution for Sustainable Learning**

 **Success Stories**

 **Products Information**



Why BenQ Matters in Early Childhood Learning

In early childhood education, play and interaction are at the heart of learning.

BenQ's Preschool Solution transforms traditional lessons into immersive, hands-on experiences where every touch becomes a moment of discovery.

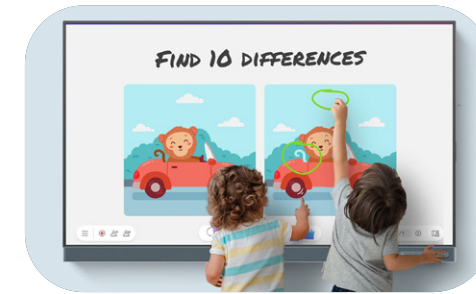
By connecting movement, sound, and imagination, children remain focused and engaged — while teachers gain flexible tools to nurture curiosity, collaboration, and growth.

The result is joyful learning that builds both confidence and the essential skills for lifelong learning.



Builds Core Early Learning Skills

Multi-sensory tools bring stories and concepts to life, while teacher-guided AI helps turn children's questions, drawings, and discoveries into opportunities for language, creativity, and exploration.



Active, Play-Based Learning

BenQ's multi-touch and child-friendly tools turn lessons into hands-on play—encouraging children to draw, drag, sort, and explore with joy and focus.



Develops Early Digital Literacy

With guided, age-appropriate use, children gain confidence interacting with digital content, forming healthy early tech habits for future learning.

Teach *Your Way*

Every teacher has their own way to inspire young learners.

BenQ gives educators the flexibility to shape learning around every child, with intuitive teaching tools and AI support that fit naturally into the way they teach—helping them adapt lessons, respond to curiosity, and inspire creativity while keeping teachers at the heart of every learning experience.



Shape lessons around young learners

Create and adapt learning experiences around children's needs, interests, and learning pace, with AI support available whenever it adds value to your teaching.

Respond to curiosity in the moment

Turn unexpected questions and everyday discoveries into meaningful learning opportunities, using intuitive tools and AI support to explore ideas together as curiosity unfolds.

Build on every child's imagination

Extend children's drawings and ideas into richer opportunities for storytelling, conversation, and creative expression, with AI opening up even more possibilities to explore.

ClassroomCare® : A Healthier Classroom for Everyone

Keeping early learners and educators healthy matters to both schools and families.

BenQ empowers schools to create healthier smart classrooms through ClassroomCare® technology — integrating germ-resistant surfaces, eye-care displays, and air-quality monitoring into every learning space.

With innovation grounded in care, BenQ builds safe, worry-free environments where children can thrive and teachers can stay comfortable, focused, and supported throughout the day.



Safe to touch

BenQ Board screens and peripherals have an antimicrobial coating that helps prevent the spread of germs in class as well as rounded corners and a 9H tempered hardness screen to protect young learners and the display.

Easy on the eyes

Prevent eye strain and other related eye issues with our anti-glare, flicker-free, Eyesafe® Certified 3.0 screens.



Keep dust out

Ensure reliable operation with IP5X-certified dust protection, tested under IEC 60529 standards to prevent dust buildup and keep classrooms running smoothly.

RP Series embodies this commitment with industry-leading eye care and antimicrobial protection.



Awards and Leading Partners

BenQ Education solutions are globally recognized for innovation and excellence in teaching and learning.

Each year, our products and software receive top honors from leading education and technology organizations.

Through close collaboration with trusted partners, BenQ continuously enhances classroom performance, safety, and engagement—delivering reliable solutions that empower educators and inspire better learning experiences for every child.

Award-Winning EdTech Solutions



Spaces4Learning Reader's Choice Award 2024 Winner



EdTech Breakthrough Award 2024 Winner



Sound & Video Contractor 2024 Innovative Products Awards Winner



Tech & Learning Awards of Excellence Primary Education Best of 2024 Winner



Tech & Learning Awards of Excellence Back to School 2024 Primary (K-6) Winner



Tech & Learning Best of Show at ISTE Live 2023 Winner



Spaces4Learning New Product Award 2023 Winner

Leading Technology Partners



Microsoft

zoom



Clever

Gynzy

Kahoot!

eyesafe®

ANTON



ClickView

MAGIC SCHOOL

genially

Lingokids

singlewire software

thinglink.

Curipod

BenQ Education Solutions

Interactive Displays



BenQ Board Pro

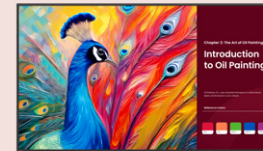


BenQ Board Master



BenQ Board Essential

Digital Signage



Pantone® Validated Pro Signage



Pantone® Validated Signage



4K Smart Signage

Accessories



Zoom™ Certified AI camera



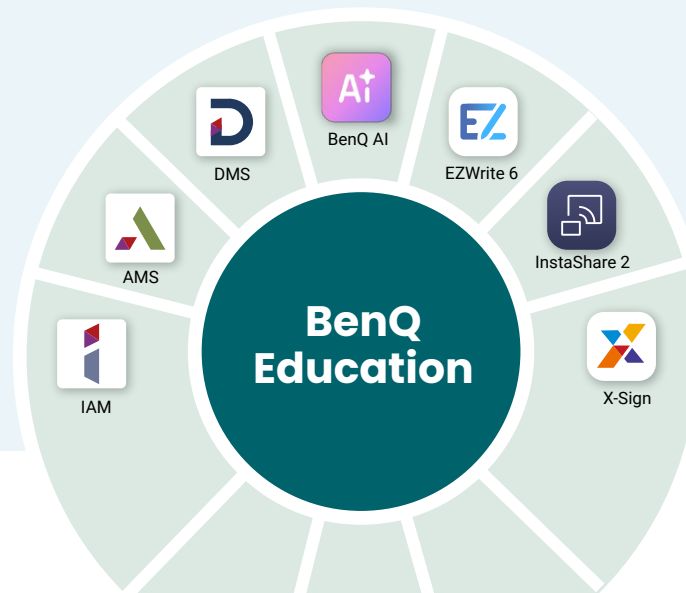
Germ-resistant pen with NFC tag



NFC cards



Interactive display pen



Zoom™ Certified Full HD Webcam



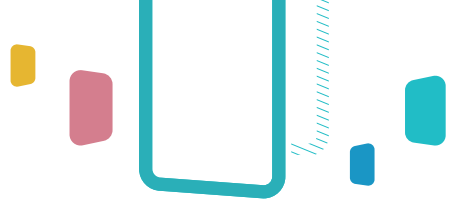
Wireless adapters



Slot-in PCs



Mounts and stands



BenQ Education

Shape the Future of Learning

BenQ × Preschool

Technology that empowers safe,
interactive young minds

Preschools are embracing digital tools to enrich early learning—but technology must feel natural, safe, and developmentally appropriate for young children.

BenQ understands the unique needs of early childhood education and designs solutions that support the way preschoolers learn: through play, sensory exploration, social interaction, and joyful expression.

Built for Early Childhood Education and Care



Inspire young learners through play-based
and sensory exploration learning

BenQ Education software engages young learners in rich see-hear-touch experiences through EZWrite 6, InstaShare 2, and built-in BenQ AI, creating more opportunities for exploration, creativity, and active participation in every classroom.



Keep playtime safe with child-friendly design

Equip preschool students with tools designed for their needs, including pens tailored for small children's hands, low-height trolleys for effortless access, and boards with rounded corners, encouraging them to safely draw, play, and explore.

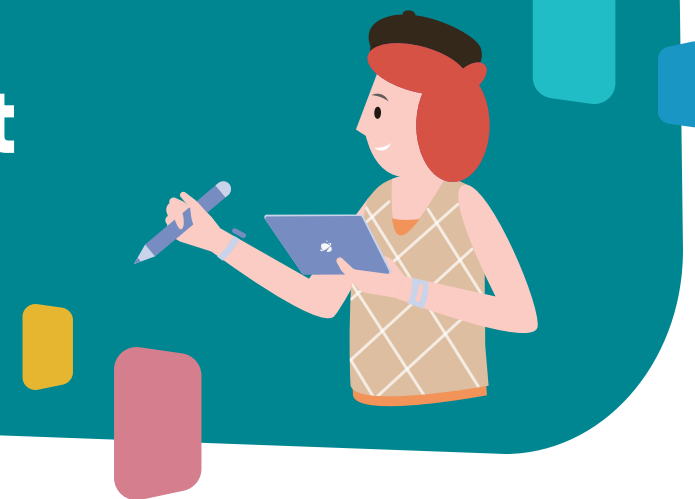


Ensure healthy learning with our ClassroomCare® features

Keeping early learners healthy matters to both children and parents, which is why BenQ Boards feature germ-resistant surfaces, eye care technology, and built-in air ionizers for a healthier learning environment.

STEAM classrooms

Boost explanations and engagement in every experiment



A BenQ Board setup brings early STEAM to life through hands-on experiments and interactive exploration. Teachers use EZWrite 6 to illustrate scientific concepts in real time while children discover cause and effect through touch, color, and guided discussion. When children encounter unfamiliar plants, insects, or objects, built-in BenQ AI helps teachers instantly identify them, enriching classroom exploration without interrupting the learning flow.

BenQ solutions



BenQ Board Pro RP7505 interactive display

A better writing experience- Responsive multi-touch and a bonded panel deliver smooth, precise writing.



PT04GN Interactive display pen

Kid-friendly stylus for young learners to write easily on the BenQ Board.



Interactive whiteboard

Create EZWrite activities that support young learners' sensory and motor growth.

EZWrite 6



Your Teaching Assistant

Instantly identify plants, insects, and on-screen objects to enrich observation and classroom exploration.

BenQ AI

Activity classrooms

Get students expressing themselves through movement



Clear audio and visuals are essential for getting young learners up and moving with music and dance. Easily share your screen to the BenQ Board with InstaShare 2 and make notes in EZWrite 6. Plus, the board helps to support child wellness through ClassroomCare® features including an air ionizer, germ-resistant surfaces, and an Eyesafe® Certified 3.0 screen.

BenQ solutions



Interactive whiteboard

Use audio, images, and video with built-in tools and templates.

EZWrite 6



Wireless screen sharing solution

Wirelessly share your screen and use Smart Control to remotely annotate.

InstaShare 2



BenQ Board Pro RP7505 interactive display

ClassroomCare® - Enhanced air quality

The BenQ Board Pro is the only interactive display with an air ionizer and air quality monitoring for healthy learning.

General classrooms

Find your teaching space in any classroom



AMS

Account management system

Use NFC to log into any BenQ smart display.

Centralized account management lets early childhood educators quickly access their files, lessons, and personalized workspace on any BenQ Boards in your school so learning can start right away.

BenQ solutions



BenQ Board Essential RE7505A interactive display

Rounded corners - Safe learning environment
Keep learning safe with the BenQ Board's smooth, rounded corners.

Flipped classrooms

Extend learning through creativity and exploration



Interactive whiteboard

Use circle to artify to turn notes and sketches into vibrant visuals, helping children understand concepts better.

Flipped learning spaces with BenQ Boards and smart signage encourage children to learn through role play, hands-on activities, and imaginative exploration. Built-in BenQ AI transforms children's drawings into inspiring visuals, giving teachers new opportunities to spark storytelling, creativity, and meaningful classroom discussions.

BenQ solutions



SL7504 Pantone® Validated Signage

4K resolution, built-in Android, and cloud-based content management enable reliable, centrally controlled signage for daily learning content and schedules.



BenQ Board Master RM8605 interactive display

9H Hardness Panel - Child-friendly design 9H tempered panel withstands enthusiastic learning.



MT01 rolling stand with VESA-compatible mount

This stand enables smooth display movement with secure locking for flexible preschool classroom use.

Hallways

Keep parents informed with dynamic signage



X-Sign

Digital signage software

Use tags and group management to push your content to all, or groups, of your BenQ smart displays.

BenQ smart signage ensures your message reaches everyone in school in any lighting with vivid visuals and enhanced color modes for standout clarity in hallways, lobbies, and reception areas.

BenQ solutions



SH7504 Pantone® Validated Pro Signage

High-brightness display with Pantone® validated color ensures announcements remain clear and eye-catching in hallways and high-traffic areas.

Outside of the classroom

Connecting every part of school life



School life is full of shared moments—between teachers, children, and families. BenQ helps schools strengthen communication and collaboration beyond the classroom through intuitive digital tools and built-in BenQ AI, making it easier to capture ideas, share updates, and keep everyone connected.

In real school life, BenQ supports:

- **Teacher Collaboration** — Plan and share ideas together.
- **School Events** — Celebrate and display happy memories.
- **Parent Connection** — Keep families involved and informed.

BenQ solutions



BenQ Board Pro RP6505 interactive display

Fast performance, precise touch, and eye-friendly 4K display.



EZWrite 6

Interactive whiteboard

Annotate ideas together and save every discussion instantly.



InstaShare 2

Wireless screen sharing solution

Wirelessly share your screen and switch presenters seamlessly.



BenQ AI

Your Teaching Assistant

SummarAI simplifies teacher-parent meetings with audio recordings, transcripts, and summaries, allowing easy sharing and reducing administrative workload.



Zoom™ Certified AI camera DV01K

4K clarity with AI framing and noise cancellation.

A greener solution for sustainable learning



Lowest energy consumption

The BenQ Board EssentialRE05A uses the least power among ENERGY STAR® certified interactive displays. The SH04, SL04, and ST04 signage series are also ENERGY STAR certified, helping reduce emissions and save energy.



Enable energy savings

BenQ Boards, smart signage, and device management solutions are packed with multiple energy saving features which you can enable and customize to fit your school's sustainability strategy.



Efficient power usage

The intelligent SmartEco mode on BenQ projectors ensures efficient use of power by automatically regulating the light source intensity depending on the displayed content.



Committed to net zero

As an RE100 member, BenQ Qisda Group commits to 100% recycled energy by 2040 and net-zero emissions by 2050, working with partners to cut carbon in line with global sustainability standards.





Owl Miyamae Nursery ignites children's curiosity and focus with BenQ Board

"The moment children lift their heads and focus on the screen with curiosity... that's when I know learning is happening."



Watch the video



Play & Learn helps children grow into collaborative learners with BenQ Boards

"To see a child having fun while they learn is the best feeling in the world...it makes you smile from ear to ear."



Watch the video



Jonam Kindergarten empowers collaboration with BenQ Boards

"The BenQ Board makes lesson planning and parent workshops more efficient, helping teachers collect, share, and record ideas seamlessly together."



Watch the video



Urawa Tsukushi Kindergarten inspires active learning with BenQ Boards

"When children gather around the large screen and collaborate with one another, their eyes light up—and that spark becomes the best part of teaching."



Watch the video



Success Stories



Leimond Nursery School sparks curiosity with BenQ Board

"We cherish a child's 'What is that?' or 'I want to try that!' moment—and when a child touches the screen beside us, real learning begins."



Watch the video



Sangsom Kindergarten makes learning joyful and engaging with BenQ Boards

"When children have fun while learning, that's when education truly works."

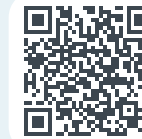


Watch the video



BenQ Board's ClassroomCare gives parents peace of mind at Whykids

"More than the antibacterial screen... the smart eye-care solutions and air-quality monitoring helped relieve our parents' anxieties."



Watch the video



Aoba-Japan International School builds student agency with the BenQ Board

"It's engaging for them. Learning, somehow, is better... they can show us their understanding of the lesson by writing things down. That is a very good change."



Watch the video

Success Stories

BenQ Boards



Model

BenQ Board Pro RP05 Series

BenQ Board Master RM05 Series

BenQ Board Essential RE05A Series

Screen resolution | Size

4K UHD | 65", 75", 86"

4K UHD | 65", 75", 86"

4K UHD | 65", 75", 86"

Operating system

Android 15 (EDLA)

Android 15 (EDLA)

Android 16 (EDLA)

CPU

A78 × 2 + A55 × 6

A78 × 2 + A55 × 6

A72 × 4 + A53 × 4

Memory | Storage

16 GB | 256 GB

8 GB | 128 GB

8GB | 128GB

Audio

2 × 25W speakers | 20W subwoofer
8-microphone array

2 × 25W speakers | 8-microphone array

2 × 25W speakers

Touch

Ultra Precision IR (up to 50 points)

Ultra Precision IR (up to 50 points)

Precision IR (up to 50 points)

Wireless connectivity

NFC | Wi-Fi 6 | Bluetooth 5.2

NFC | Wi-Fi 6 | Bluetooth 5.2

Wi-Fi 6 | Bluetooth 5.2

Management

Access controls, Directory synchronization,
Device management

Access controls, Directory synchronization,
Device management

Access controls, Directory synchronization,
Device management

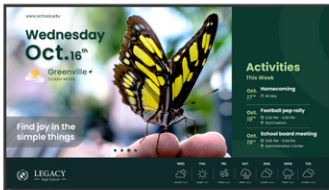
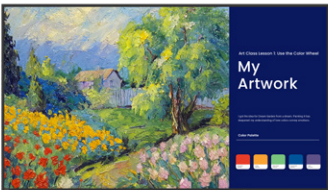
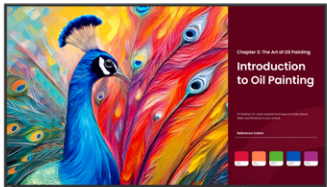
ClassroomCare®

Germ resistant, Eyesafe® 3.0 (RPF®60), Air quality,
Flicker Free

Germ resistant, Eyesafe® 3.0 (RPF®35), Flicker Free

Germ resistant, Low blue light filter, Flicker Free

Digital Signage



Model	Pantone® Validated Pro Signage SH04 Series	Pantone® Validated Signage SL04 Series	4K Smart Signage ST04 Series
Screen resolution Size	4K UHD 55", 65", 75"	4K UHD 43", 55", 65", 75", 86"	4K UHD 43", 55", 65"
Operating system	Android 13 (EDLA)	Android 13 (EDLA)	Android 14
CPU	A73 × 4 + A53 × 4	A73 × 4 + A53 × 4	A73 × 4
Memory Storage	8 GB 64 GB	8 GB 64 GB	4 GB 32 GB
Brightness	800 nits	500 nits	350 nits
Color gamut (CIE 1976)	99% sRGB 85% NTSC 95% DCI-P3	99% sRGB 72% NTSC	99% sRGB 72% NTSC
Anti-glare	25% haze	25% haze	25% haze
Operation hours	24 hours / 7 days	24 hours / 7 days	18 hours / 7 days
Lifetime	50,000 hours	50,000 hours	30,000 hours
Orientation	Landscape Portrait	Landscape Portrait	Landscape Portrait
Speaker	2 × 12 W	2 × 12 W	2 × 12 W



Dealer's Stamp