

# Learning is essential



## BenQ Board Essential

RE6503 / RE7503 / RE8603



Android 11



40 touch points



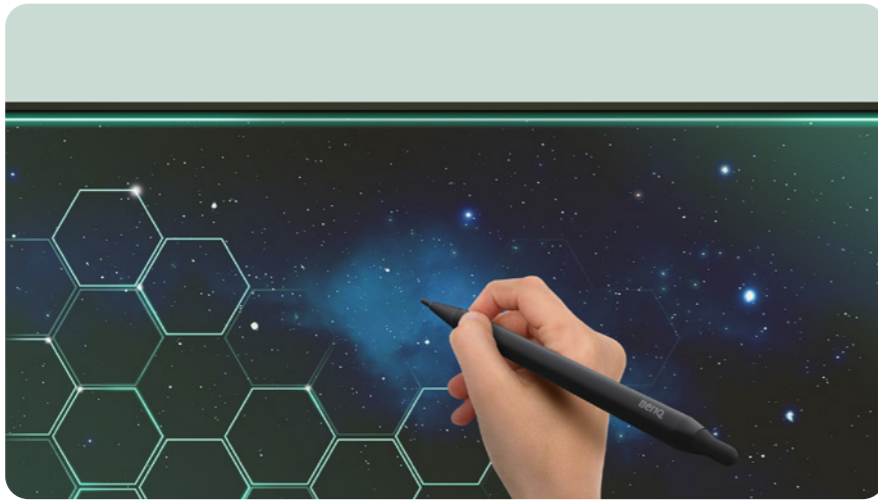
Dustproof

# Learning starts with good health

Healthy students are capable of excellence. Provide them with a powerful learning tool that helps protect their well-being in class so they're able to explore ideas safely and freely.



# Learning starts with good health



## Safe to touch

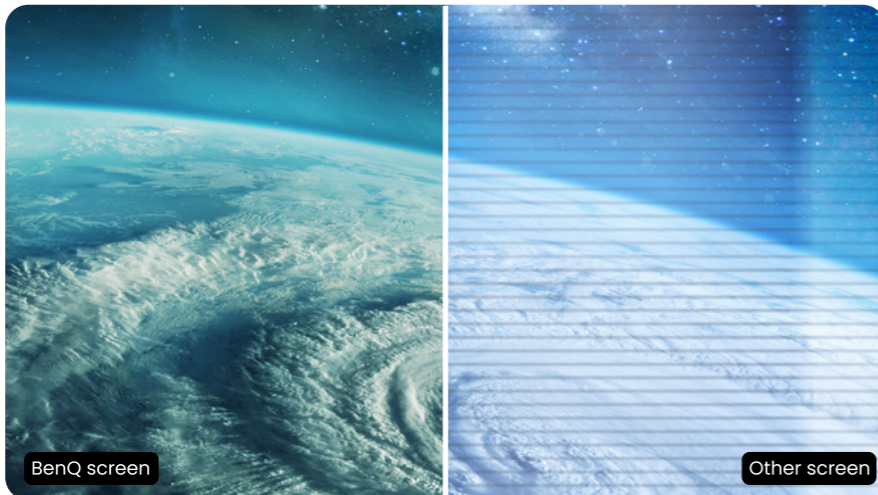
The RE series reduces the surface transmission of germs in the classroom. Its touchscreen, pen, and front panel button come with our proprietary germ-resistant formula that is recognized by TÜV to be 99.9% effective against common germs.



TÜV certified



SIAA certified



## Protects your vision

Built-in eye care solutions protect the eyesight of students and teachers when they're using the BenQ Essential Series Board. Low blue light and flicker-free technologies help prevent eye strain while the anti-glare 4K screen offers crisp, clear images.



TÜV certified



Flicker-free



Anti-glare



Low blue light

# Let the RE suit your style

The RE gives you unparalleled flexibility when it comes to conducting classes. Teach your way by utilizing BenQ's free-to-use education features that suit both traditional and novel ways of teaching.



65 W USB Type-C



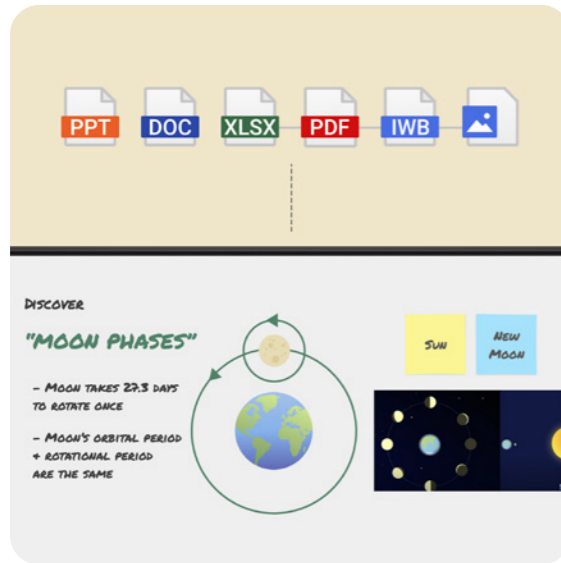
1000 Mbps ethernet port



OTA remote updates



# Let the RE suit your style



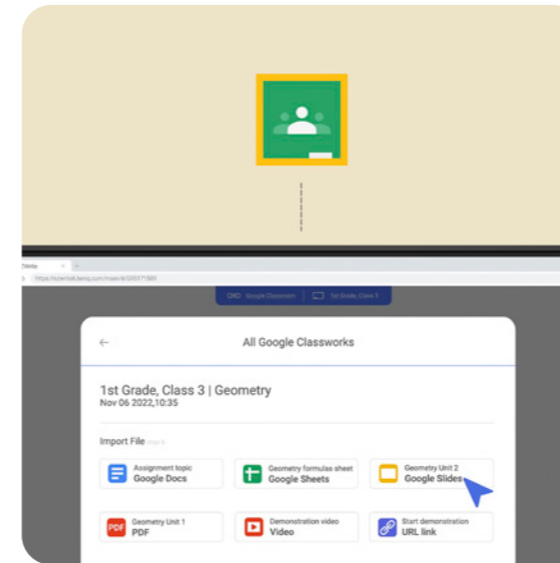
## Do more than just write

EZWrite 6 is a whiteboard unlike any other. It lets you use different media—like PDFs and images—with interactive tools and templates that make teaching more convenient and classes more fun. Everything you need is on the board.



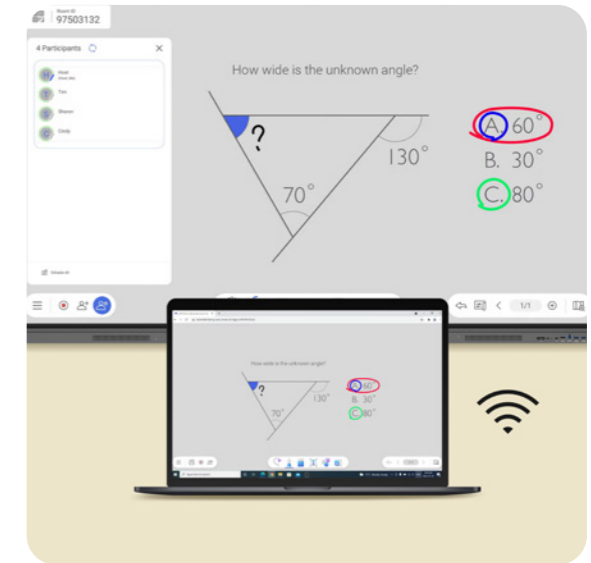
## Get students on board

Open the floor for sharing with InstaShare 2. Students can cast their laptop or tablet screens via Miracast, Airplay, or the InstaShare app or button, allowing everyone to present their work and exchange ideas from their seats.



## Use what's familiar to you

Whether you're used to teaching from your laptop or loading lessons from your cloud account or Google Classroom, the RE series allows you to use either methods via its multiple I/O ports and integration to cloud platforms.



## Bridge the distance

Video conferencing and cloud whiteboarding turn the RE series into a highly interactive hybrid learning hub. Teachers can host classes in school while home-based students or even guest lecturers can join remotely from anywhere.

# Designed for convenience

The simplest features make the biggest difference in  
the classroom.



# Designed for convenience



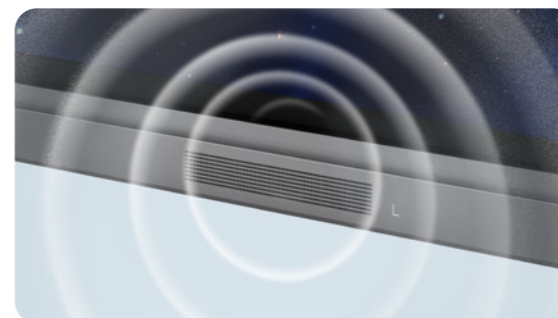
## Ports at the front

Front I/O ports, including a full-feature USB Type-C port, give you quick access to USB charging and touchback capabilities.



## Accessible with a tap

BenQ Uni UI shortcuts and the floating tool allow you to instantly launch frequently used apps and tools like EZWrite and screen capture.



## Hear loud and clear

Built-in 2x16W speakers make it easy to play audio without needing an external speaker or media device.



## So many touch points

With up to 40 touch points and Fine IR+ technology, the RE's screen ensures fast and smooth response—perfect for group work.



## Natural writing

A quick response rate and zero bonding technology make pen strokes smooth and accurate.



## Built for speed

High-speed Gigabit Ethernet ensures faster transmission of class files and lesson content.



## Certified dustproof

Meeting IP5X standards, the RE operates consistently even in dust-prone environments.

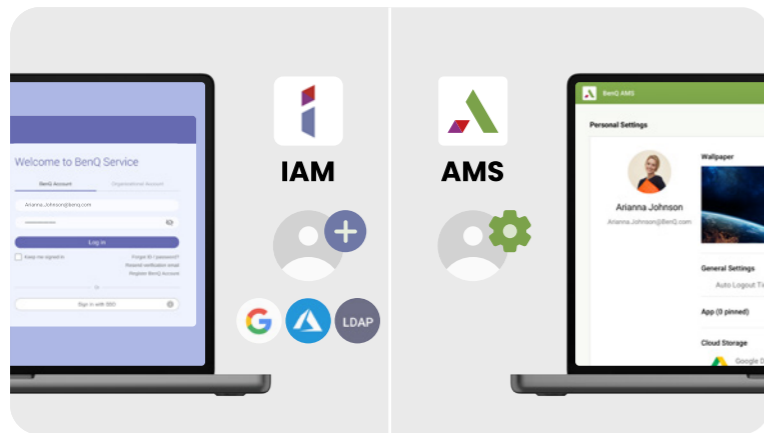
# Effortless management

BenQ Boards make display management simple so you can focus on what matters.



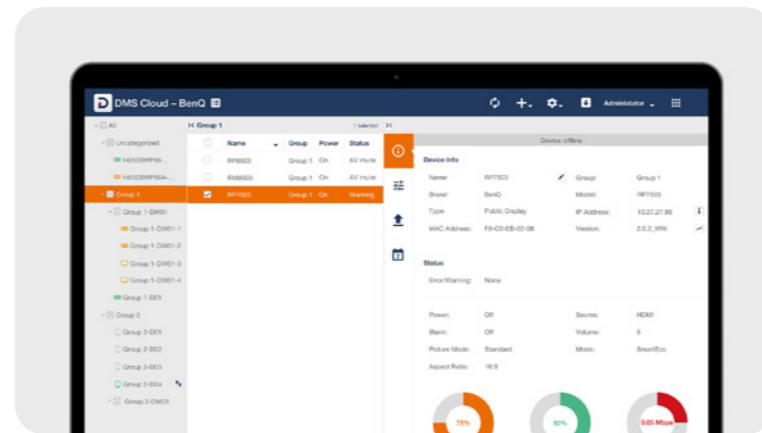


# Effortless management



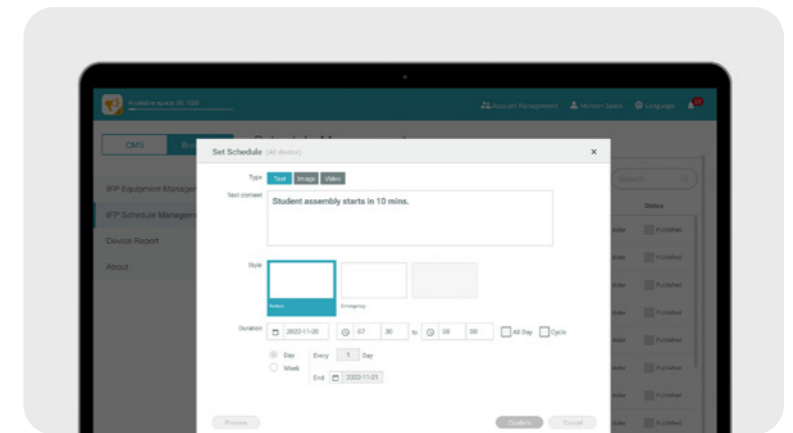
## Centrally monitor and manage your displays

Remotely push updates, install apps, and generate device analytics for all your BenQ displays via a single easy-to-use device management platform.



## Control access to displays and accounts

The Essential Series works with BenQ IAM and AMS, giving administrators a convenient way to manage user permissions and granting teachers immediate access to their cloud accounts.



## Complement your school's PA system

Keep students and teachers up to date with real-time campus-wide announcements and reminders sent remotely from X-Sign Broadcast.

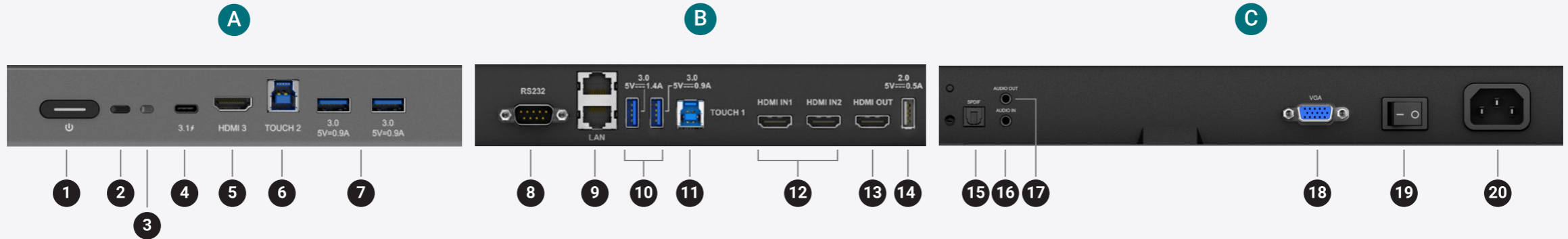


### Dimensions (W×H×D)

RE6503 | 1488.3 × 896.6 × 87.5 mm

RE7503 | 1709.4 × 1020.2 × 87.7 mm

RE8603 | 1957 × 1159.9 × 99.7 mm



1. Power

2. Remote control sensor

3. Ambient light sensor

4. TYPE-C

5. HDMI

6. TOUCH-USB

7. USB 3.0

8. RS232

9. LAN1 / LAN2

10. USB 3.0

11. TOUCH-USB

12. HDMI 1 / HDMI 2

13. HDMI-OUT

14. USB 2.0

15. SPDIF


16. AUDIO-IN

17. AUDIO-OUT

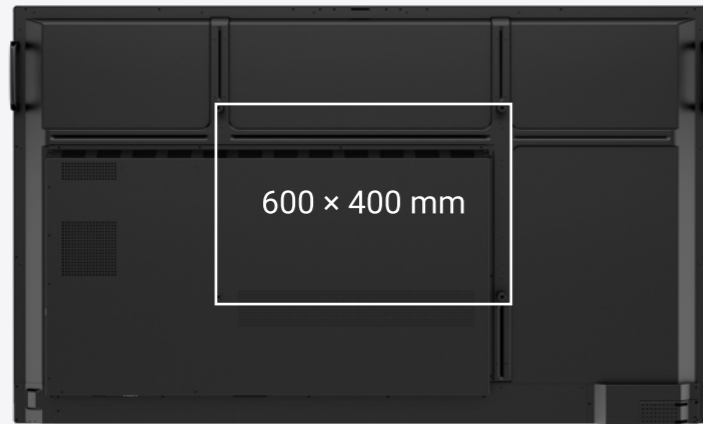
18. VGA

19. Power Switch

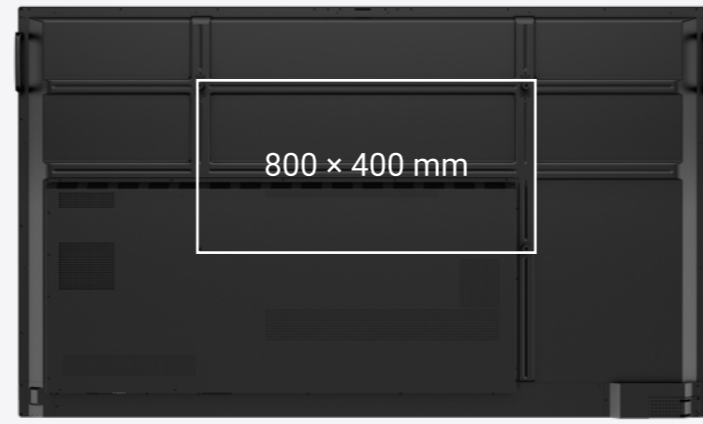
20. Power-in

 VESA® Wall Mount

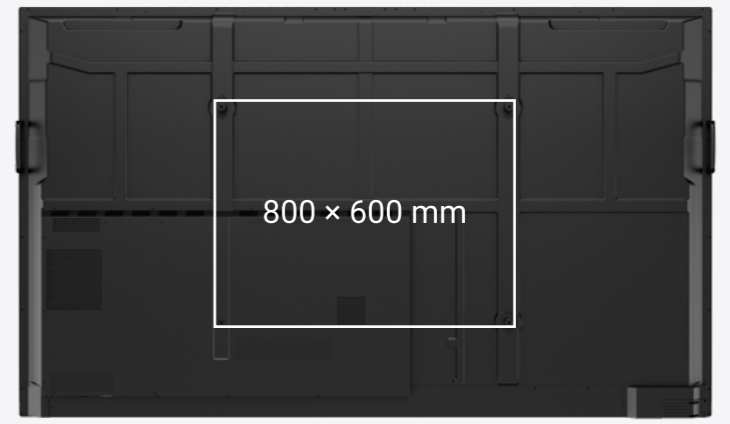
RE6503



RE7503



RE8603



<b>Models</b>	<b>RE6503</b>	<b>RE7503</b>	<b>× RE8603</b>
<b>Panel</b>			
Screen size	65"	75"	86"
Resolution	UHD 3840 × 2160 pixels	UHD 3840 × 2160 pixels	UHD 3840 × 2160 pixels
Aspect ratio	16:9	16:9	16:9
Brightness without glass (typical)	400 nits	400 nits	400 nits
Contrast ratio (typical)	1200:1	1200:1	1200:1
Dynamic contrast ratio	30,000:1	30,000:1	30,000:1
Color depth	10-bit	10-bit	10-bit
Response time	8 ms	8 ms	8 ms
Color gamut	72% NTSC	72% NTSC	72% NTSC
Light life (typical)	50,000 hrs	50,000 hrs	50,000 hrs
Orientation	Landscape	Landscape	Landscape
<b>Glass</b>			
Hardness	9H tempered	9H tempered	9H tempered
Germ-resistant technology	Nano-ionic silver	Nano-ionic silver	Nano-ionic silver
Anti-glare coating	Yes	Yes	Yes
<b>Touch screen</b>			
Touch technology	Infrared touch	Infrared touch	Infrared touch
Touch points	up to 40	up to 40	up to 40
Touch response time	< 10 ms	< 10 ms	< 10 ms
<b>Platform System</b>			
CPU	A55 × 4	A55 × 4	A55 × 4
GPU	G52 MP2	G52 MP2	G52 MP2
Memory   Storage	4GB   32GB	4GB   32GB	4GB   32GB
OS	Android 11.0	Android 11.0	Android 11.0
<b>Built-in peripherals</b>			
Speaker	2 × 16 W	2 × 16 W	2 × 16 W
<b>Power</b>			
Power	AC 100-240 V 50/60 Hz	AC 100-240 V 50/60 Hz	AC 100-240 V 50/60 Hz
Standby power consumption	<0.5 W	<0.5 W	<0.5 W
Typical power consumption	251	272	447

Models	RE6503	RE7503	RE8603
<b>Connectivity</b>			
HDMI (in   out)	3 × HDMI 2.0   1 × HDMI 2.0	3 × HDMI 2.0   1 × HDMI 2.0	3 × HDMI 2.0   1 × HDMI 2.0
VGA (in   out)	1   0	1   0	1   0
3.5 mm Line in (1)	PC Audio × 1	PC Audio × 1	PC Audio × 1
3.5 mm Line out	Earphone × 1	Earphone × 1	Earphone × 1
SPDIF (in   out)	0   1 (optical)	0   1 (optical)	0   1 (optical)
USB-A	4 × 3.0 + 2 × 2.0	4 × 3.0 + 2 × 2.0	4 × 3.0 + 2 × 2.0
USB-B (for touch)	1 × 3.0 + 1 × 2.0	1 × 3.0 + 1 × 2.0	1 × 3.0 + 1 × 2.0
USB-C	1 × 3.1	1 × 3.1	1 × 3.1
Slot-in PC (OPS)	1	1	1
Ethernet LAN	10 / 100 / 1000 Mbps (Android & OPS) × 2	10 / 100 / 1000 Mbps (Android & OPS) × 2	10 / 100 / 1000 Mbps (Android & OPS) × 2
<b>Physical</b>			
Dimensions (W × H × D)	1488.3 × 896.6 × 87.5 mm (58.6 × 35.3 × 3.4 inch)	1709.4 × 1020.2 × 87.7 mm (67.3 × 40.2 × 3.5 inch)	1957 × 1159.9 × 99.7 mm (77.0 × 45.7 × 3.9 inch)
Shipping dimensions (W × H × D)	1628 × 208 × 1005 mm (64.1 × 8.2 × 39.6 inch)	1863 × 225 × 1140 mm (73.3 × 8.9 × 44.9 inch)	2110 × 225 × 1283mm (83.1 × 8.9 × 50.5 inch)
Weight (product   shipping)	36.1 kg   46.1 kg ( 79.5 lbs   101.5 lbs)	48.2 kg   61.9 kg (106.2 lbs   136.4 lbs)	59.9 kg   76.6 kg (131.9 lbs   168.9 lbs)
Mount (screws)	VESA 600 × 400 mm (4 × M8 × 25L)	VESA 800 × 400 mm ( 4 × M8 × 25L)	VESA 800 × 600 mm (4 × M8 × 25L)
<b>Environment</b>			
Operating temperature	0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C
Storage temperature	-20°C ~ 60°C	-20°C ~ 60°C	-20°C ~ 60°C
Storage humidity	10% ~ 90% RH Non-Condensing	10% ~ 90% RH Non-Condensing	10% ~ 90% RH Non-Condensing
Operating humidity	10% ~ 90% RH non-condensing	10% ~ 90% RH non-condensing	10% ~ 90% RH non-condensing
<b>Accessories</b>			
Cables	1 × VGA, 1 × HDMI, 1 × USB-B, 1 × USB-C	1 × VGA, 1 × HDMI, 1 × USB-B, 1 × USB-C	1 × VGA, 1 × HDMI, 1 × USB-B, 1 × USB-C
Wall mount	1	1	1
Stylus	2	2	2
Remote control	1	1	1

# BenQ

Dealer's Stamp

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