

7/24 Digital Signage 700nit BNC-M Series



Geephon's BNC series smart displays feature a equal narrow bezel design, elevating aesthetics while maintaining clarity. Perfect for retail product and information displays, they adopt a higher-haze panel, reducing reflection and glare for a clear, immersive viewing experience. With vibrant colors and a slim profile, they effortlessly draw attention in any retail setting.

Versatile and widely applicable, they are ideal for supermarkets, banks, offices, malls, hotels, hospitals, and more.

BNC5023B-AA-07M



• Optimal Visual Clarity

- High-performance image processor.
- Delivers true color expression and high resolution.
- Offers adjustable picture quality and white balance.



• Seamless Wall Mounting (optional)

- Geephon's special mounting brackets kit (optional) ensures seamless and visually appealing equipment installation on walls.



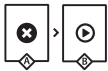
• Enhanced Component Design

- Lightweight design for easy handling.
- Constructed with high-strength aluminum alloy for durability.
- Modular components facilitate maintenance and replacement.



• Anti-reflection Anti-glare Surface

- Higher haze panel
- Anti-reflection and anti-glare effects.



• Fail Over Support



• GPlay Convenient U disk

- Simply insert the U disk for automatic content copying and playback on the device upon booting



• CMS / Remote Management Support (optional)

- Cloud-based remote management (CetusMSC) and CMS platform (GalaxyASC) support.
- Real-time monitoring of display status, parameters adjustment, and content distribution.
- Remote control via PC and Smart phone.



• Open API & SDK Support and RS232 Compatible



• Built-in Speaker



• Landscape/Portrait Compatible

- Portrait and landscape display orientations.



• OTA Firmware Update

- Enables remote firmware and application updates.
- Designed for seamless upgrades.



• Fire Protection Certification



• Extended Product Warranty

- Engineered for long-term durability.
- Guarantees reliable 24/7 operation.
- Comprehensive warranty ensures customer satisfaction and confidence.

Specification

Hardware Specification

Panel	IPS
Display Size	50 inch
Protection Glass	N/A
Protection Level	IP 5X (Front Panel)
Front Color	Black
Set Dimension (L*W*D)	1115.6 x 636.2 x 46.6mm
Bezel Width Width(mm)	7.9mm
Active Display Area(H*V)	1095.84 x 616.41 mm
Resolution	3840 x 2160
Type	60Hz E-LED BLU
Brightness(Typ.)	700 cd/m ²
Contrast Ratio(Typ.)	1200:1
Haze	25%
Viewing Angle(H/V)	178°(H) x 178°(V)(CR≥10)
Display Colors	1.07 G (8bits + FRC)
Color Gamut	72%
Response Time	8ms (Typ)
Operation Hour	24/7
Smart Solution	PTC.DT1AHE-BAB
Connectivity	USB2.0*2, HDMI In*1, Ethernet(RJ45)*1, RS232(RJ45)*1, Line Out*1, Sensor*1, IR In*1
Power Input Supply	100-240V AC, 50/60Hz
Power Consumption	140W
Speaker	5W/8Ω *2
IR	External connection
Touch Technology	N/A
Camera	N/A
Installation	Wall mount
VESA Mount	400 x 400mm
Package(W*H*D)	1235 x 765 x 140mm
Weight (kg)	N.W: 14.3kg G.W: 19.2kg
Operating Temperature	0°C~+40°C
Storage Temperature	-10°C~+60°C

System Specification

CPU	ARM Quad Core Cortex-A53 1.5G
GPU	ARM Mali-G52 2EE MC1
Operating System	Android 9
Cloud Advertising	Optional
Distribution System	
Cloud Splice System	Optional
Memory	DDR 2G
Storage	EMMC 16GB
	Ethernet (RJ45)
Ethernet	WiFi 802.11b/g/n
	4G LTE(FDD/TDD)(Optional)
Panel Image Rotation	0/90/180/270/360 Angle Rotation
Video Decoder	MPEG-1/2/4,H.264,HEVC,VP8,VP9,AVS+,AVS2,AV1
Audio Decoder	MPEG-1,MPEG-2(layerI/II),MP3,AAC-LC,HE-AAC
Picture Decoding	JPG,JPEG ,PNG ,BMP

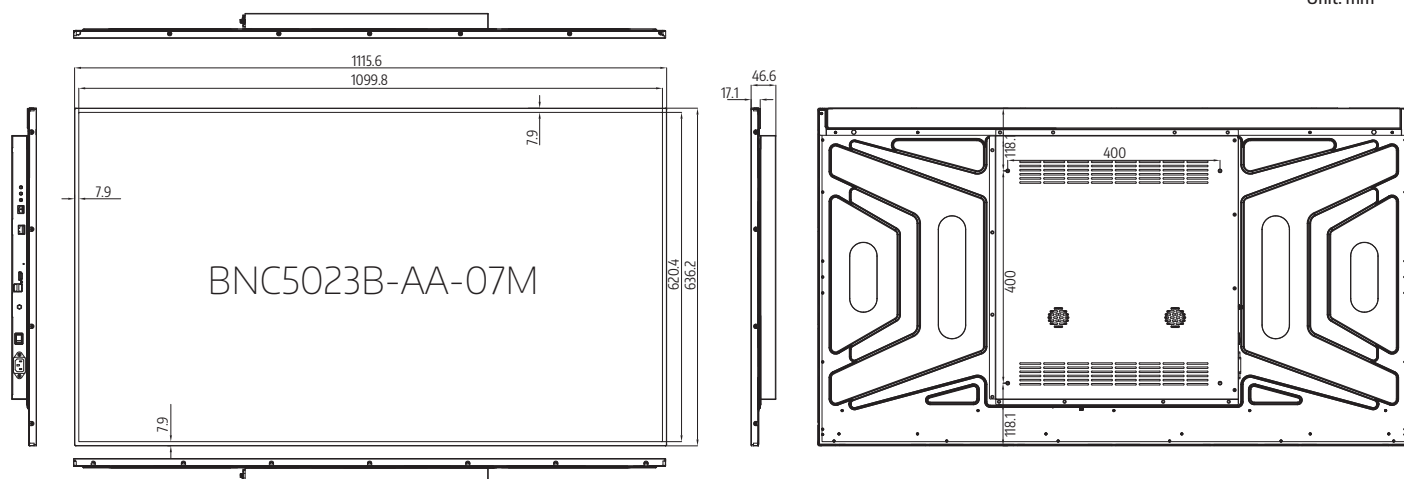
What's in the box

Power Cable	x 1 Power cord (based on region)
Remote Controller	x 1
RS232 Adaptor	x 1

Warranty

Warranty	Three year or by contract
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Dimensions



* Compatibility may differ by equipment.

* Software compatibility may change over time. Please contact your regional sales representative for details.

* Specifications are subject to change without notice, so please contact sales team to verify before ordering.