



BRONX

Active LED



High gray
scale

Micro
LED

Latest Micro
LED technology



Quick installation,
convenient delivery



HDMI
signal input



Finest trim and
floor stand design

Bronx Systems India private Limited
admin@bronx.co.in; sales@bronx.co.in

Address [360C, Udyog Vihar Industrial Area, phase VI, sector 37, Gurgaon, Haryana 122004](#)

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Technical Specifications

Flip Chip COB					
Item:	Specification	BX-APlus0.8	BX-APlus1.2	BX-APlus1.5	BX-A Plus1.8
Bronx microLED	Pixel Pitch(mm)	0.9	1.2	1.5	1.8
Parameters	Cabinet Size (W x H xD) mm	600 x 337.5 x 39	600 x 337.5 x39	600 x 337.5 x 39	600 x 337.5 x 39
	Cabinet Weight (kg)	5.2	5.2	5.2	5.2
	Cabinet Resolution (L x W) pixels	640 x 360	480 x 270	384 x 216	320 x 180
	Aspect Ratio	16:9	16:9	16:9	16:9
	Brightness (nits = cd/m2)	≤600	≤600	≤600	≤550
	Refresh Rate (Hz)	≤3,840	≤3,840	≤3,840	≤3,840
	Color Temperature (K)	2,500 ~ 10,000	2,500 ~ 10,000	2,500 ~ 10,000	2,500 ~ 10,000
	Contrast ratio	20000:1	20000:1	20000:1	20000:1
	Power Consumption Max (W/m2)	≤400	≤360	≤350	≤340
	Power Consumption Typical (W/m2)	≤134	≤125	≤117	≤110
	Working Voltage	AC: 100 V~240V, 50~60 Hz	AC: 100 V~240V, 50~60 Hz	AC: 100 V~240V, 50~60 Hz	AC: 100 V~240V, 50~60 Hz
	Lifetime	100,000	100,000	100,000	100,000
	Operating Temp (C) (Hours)	-20 ~ +60	-20 ~ +60	-20 ~ +60	-20 ~ +60
	Humidity Range (%)	10 ~ 90	10 ~ 90	10 ~ 90	10 ~ 90
	Certifications	BIS, CE, FCC, ROHS			
All in One Configuration Size			108"	135"	162"
SMD					
Item:	Specification	BX-A1.2	BX-A1.5	BX-A1.8	BX-A2.5
SMD	Pixel Pitch (mm)	1.2	1.53	1.86	2.5
Parameters	Cabinet Size (W x H xD) mm	640x480x50	640x480x50	640x480x50	640x480x50
	Cabinet Weight (kg)	6	6	6	6
	Cabinet Resolution (L x W) pixels	512x384	416x312	344x258	256x192
	Cabinet Ratio	4:3	4:3	4:3	4:3
	Brightness (nits = cd/m2)	600	600	600	600
	Brightness uniformity	98%	98%	98%	98%
	Refresh Rate (Hz)	2880-3840	2880-3840	2880-3840	2880-3840
	Color Temperature (K)	6500	6500	6500	6500
	Color uniformity	±0.015 Cx, Cy	±0.015 Cx, Cy	±0.015 Cx, Cy	±0.015 Cx, Cy
	Contrast ratio	8000:1	8000:1	8000:1	8000:1
	Viewing angle (HxV)	160X160	160X160	160X160	160X160
	Features	Common Anode	Common Anode	Common Anode	Common Anode
	Power Consumption Max(W/m2)	650	620	600	500
	Power Consumption Typical(W/m2)	230	210	200	150
	Working Voltage	AC:100V~240V 50-60Hz	AC:100V~240V 50-60Hz	AC:100V~240V 50-60Hz	AC:100V~240V 50-60Hz
	Lifetime (Hours)	≥100.000	≥100.000	≥100.000	≥100.000
	Operating Temp(degree C)	0 ~ +40	0 ~ +40	0 ~ +40	0 ~ +40
	Humidity Range (%)	10 ~ 90	10 ~ 90	10 ~ 90	10 ~ 90



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	Flex Series			
Model Flex	BX-A Plus 0.8	BX-A Plus 1.2	BX-A Plus 1.5	BX-A Plus 1.8
Pixel Pitch	0.9375mm	1.25mm	1.5625mm	1.875mm
Module Size	300 * 168.75mm	300 * 168.75mm	300 * 168.75mm	300 * 168.75mm
Physical Density	1,137,777	640,000	409,600	284,444
LED Type	Flip-Chip 1010	Flip-Chip 1010	Flip-Chip 1010	Flip-Chip 1010
Module Resolution	320 * 180	240 * 135	192 * 108	160 * 90
The Min Diameter	1350mm	1350mm	1350mm	850mm
Brightness	> 600cd / m²	> 1000cd / m²	> 1000cd / m²	> 1000cd / m²
Color Temperature	6500	6500	6500	6500
Scan Mode	1 / 36	1 / 27	1 / 27	1 / 30
Power consumption (Max. W/sqm)	550W	580w	580W	580w
Power Consumption (Avg. W/sqm)	180W	190w	190W	190w
Application	indoor	indoor	indoor	indoor
Refresh Rate	≤ 3840Hz	≤ 3840Hz	≤ 3840Hz	≤ 3840Hz
Frame Frequency	> 60Hz	> 60Hz	> 60Hz	> 60Hz
AC Input Voltage	110V ~ 220V ± 10%	110V ~ 220V ± 10%	110V ~ 220V ± 10%	110V ~ 220V ± 10%
Operating Temperature	0°C ~ +40°C	0°C ~ +40°C	0°C ~ +40°C	0°C ~ +40°C
Storage Temperature	-20°C ~ +50°C	-20°C ~ +50°C	-20°C ~ +50°C	-20°C ~ +50°C
Operating Humidity	10% ~ 90%	10% ~ 90%	10% ~ 90%	10% ~ 90%
Dead Pixel Rate	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Life Time	100000 hours	100000 hours	100000 hours	100000 hours
Certifications	CE, FCC, ROHS, BIS			