

2. Product specifications

2-1. Feature & Specifications

Model		743N / 743B / 943N / 943B 743NX / 743BX / 943NX / 943BX
Feature		
▶ Panel Specifications: 300 cd/m², 5 ms, CR 1000:1, 170/160 (CR>10) ▶ DPMS : <1W ▶ 743N / 943N : TCO99, 743B / 943B : TCO03 ▶ Off-Timer function for reducing standby power usages ▶ Windows Vista authentication ▶ Supported camera effects: Black and white/Sepia/Aqua/Green		
Specifications		
Item		Description
LCD Panel		TFT-LCD panel, RGB vertical stripe, normally white transmissive, 17" wide Viewable 0.264(H)mm * 0.264(V)mm pixel pitch 19" wide Viewable 0.294(H)mm * 0.294(V)mm pixel pitch
Scanning Frequency		Horizontal : 30 kHz ~ 81 kHz (Automatic) Vertical: 56 Hz ~ 75 Hz(WSXGA+ : 60Hz)
Display Colors		16.7 Million colors
Maximum resolution		Horizontal: 1280 Pixels Vertical: 1024 Pixels
Input Signal		743N / 943N : Analog 743B / 943B : Analog & DVI
Input Sync Signal		Seperate H/V sync, Composite H/V, Sync-on-Green Level: TTL level
Maximum Pixel Clock rate		135 Mhz
Active Display (Horizontal/Vertical)		17": 337.92(H) x 270.336(V) 19": 376.32(H) x 301.056(V)
AC power voltage & Frequency		AC 110V~130V, 60Hz & AC, 200V~240V 50Hz
Power Consumption		743N/743B: 34W 943N/943B: 38W
Dimensions Set -17" (W x D x H)	SIMPLE STAND	368.0 x 68.4 x 307.4 mm [Without Stand] 368.0 x 185.0 x 386.9 mm [With Stand]
	HAS STAND	368.0 x 65.5 x 307.4 mm [Without Stand] 368.0 x 190.0 x 365.9 mm [With Stand]
Dimensions Set -19" (W x D x H)	SIMPLE STAND	405.6 x 66.7 x 335.2 mm [Without Stand] 405.6 x 200.0 x 413.9 mm [With Stand]
	HAS STAND	405.6 x 63.8 x 335.2 mm [Without Stand] 405.6 x 190.0 x 379.5 mm [With Stand]
Weight -17" (Set/Package)	SIMPLE STAND	3.6 kg / 4.7 kg
	HAS STAND	4.75 kg / 6.2 kg

2. Product specifications

Specifications		
Item		Description
Weight -19" (Set/Package)	SIMPLE STAND	3.8 kg / 4.95 kg
	HAS STAND	4.85 kg / 6.5 kg
Environmental Considerations		Operating Temperature: 10°C ~ 50°C(50°F ~ 122°F) Operating Humidity : 10% ~ 90% Operating Temperature: -20°C ~ 45°C(-4°F ~ 113°F) Operating Humidity: 5% ~ 90%
Note: Designs and specifications are subject to change without prior notice.		

2-2. Spec Comparison to the Old Models

Model	Mckinley 743N / 743B / 943N / 943B 743NX / 743BX / 943NX / 943BX	HAYDN 740B
Design		
Size	17" & 19"	17"
Resolution	1280 x 1024	1280 x 1024
Input	743N / 943N : Analog 743B / 943B : Analog & DVI	Analog / DVI
Response Time	5ms(W to B)	5ms(G to G)
Viewing Angle	170/160(CR>10)	160/160(CR>10)
Contrast	17": 1000:1 , Dynamic contrast : 7000:1 19": 1000:1 , Dynamic contrast : 8000:1	700:1
MagicBright	7 step	7 step
Feature	Magic Color Color Effect Magic Bright3 Magic Tune (Premium)	Magic Color Magic Bright3 Magic Tune (Premium)

*Color Effect

- Grey scale: Images are displayed in a grey tone on the screen.
- Green: Images are displayed in a green tone on the screen.
- Aqua: Images are displayed in a blue tone on the screen.
- Sepia: Images are displayed in a brown tone on the screen.

Image Size : : If the resolution is not wide resolution, this option allows the screen size to be selected as normal or wide.

2-3. Accessories

Product	Description		Ccde. No	Remark
	Quick Setup Guide		BP68-00274B	Samsung Electronics Service center
	Warranty Card (Not available in all locations)		BH68-00633B	
	User's Guide, Monitor Driver, Natural Color Pro Software		BN59-00585A	
	D-Sub(15 Pin) Cable		BN39-00244G	
	Power Cord	743N/943N	3903-000042	
		743B/943B		

2-4. Accessories (Sold separately)

Product	Description		Ccde. No	Remark
	DVI Cable (743B/943B)		BN39-00246K	Samsung Electronics Service center