

# SERIES 20/40 MONITORS

## ESSENTIAL BUSINESS RANGE



# SERIES 20/40



[www.samsung.com/uk/monitors](http://www.samsung.com/uk/monitors)

## STRICTLY BUSINESS

Presenting high performance business monitors that suit both your vision and your budget. Series 20/40 monitors have a stylish design plus a high dynamic contrast ratio and fast response time along with exclusive Magic technologies to enhance your productivity. No matter how you look at it, the outlook is bright with Samsung Series 20/40 monitors.

### Magic Eco

The energy-efficient Magic Eco function offers 4 power saving modes.



### Magic Return

A new innovative feature that is optimised for multi-monitor users.



### Dynamic Contrast Ratio

The high dynamic contrast ratio creates dramatic dark tones and striking light tones.



### Energy-efficiency

Using 0.3W in Standby mode, 60% more energy-efficient than traditional models.



### Magic Angle

Creates perfect viewing from any angle, making your viewing more comfortable.



TURN ON TOMORROW

# SERIES 20 MONITORS SPECIFICATION

## ESSENTIAL BUSINESS RANGE



Model Name	E1720NR	E1920N	E1920R	E1920NR	E1920NW	E2020N	E2220	E2220N	E2220NW	E2320	
Display	Screen size	17"	18.5" Wide	19"	19"	19" Wide	20" Wide	21.5" Wide	21.5" Wide	22" Wide	23" Wide
	Brightness (Typical)	250 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>
	Contrast Ratio (Typ. 1000:1)	DC 50000:1	DC 50000:1	DC 50000:1	DC 50000:1	DC 70000:1	DC 50000:1	DC 70000:1	DC 70000:1	DC 70000:1	DC 70000:1
	Resolution	1280 x 1024	1360 x 768	1280 x 1024	1280 x 1024	1440 x 900	1600 x 900	1920 x 1080	1920 x 1080	1680 x 1050	1920 x 1080
	Response Time (Typical)	5ms	5ms	5ms	5ms	5ms	5ms	5ms	5ms	5ms	5ms
	Viewing Angle (H/V)	170°/160° (CR>10)	170°/160° (CR>10)	170°/160° (CR>10)	170°/160° (CR>10)	170°/160° (CR>10)	170°/160° (CR>10)	170°/160° (CR>10)	170°/160° (CR>10)	170°/160° (CR>10)	170°/160° (CR>10)
	Colour Supported	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M
Signal Input	Video Signal	Analog RGB	Analog RGB	Analog RGB, DVI	Analog RGB	Analog RGB	Analog RGB	Analog RGB, DVI	Analog RGB	Analog RGB	Analog RGB, DVI
	Sync. Signal	Separate H/V, Composite, S0G	Separate H/V, Composite, S0G	Separate H/V, Composite, S0G	Separate H/V, Composite, S0G	Separate H/V, Composite, S0G	Separate H/V, Composite, S0G	Separate H/V, Composite, S0G	Separate H/V, Composite, S0G	Separate H/V, Composite, S0G	Separate H/V, Composite, S0G
	Connector	15pin D-SUB	15pin D-SUB	15pin D-SUB, DVI-D	15pin D-SUB	15pin D-SUB	15pin D-SUB	15pin D-SUB, DVI-D	15pin D-SUB	15pin D-SUB	15pin D-SUB, DVI-D
Power	Power consumption	20W	20W	22W	22W	35W	25W	45W	45W	45W	45W
	Stand by Power (DPMS)	<0.3W	<0.3W	<0.3W	<0.3W	<0.3W	<0.3W	<0.3W	<0.3W	<0.3W	<0.3W
	Type	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in
Features	Plug & Play	DDC 2B	DDC 2B	DDC 2B	DDC 2B	DDC 2B	DDC 2B	DDC 2B	DDC 2B	DDC 2B	DDC 2B
	USB powered hub option	No	No	No	No	No	No	No	No	No	No
	Mac compatibility	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Multimedia Speakers	No	No	No	No	No	No	No	No	No	No
	Wall-Mount	75 x 75mm	75 x 75mm	75 x 75mm	75 x 75mm	75 x 75mm	75 x 75mm	75 x 75mm	75 x 75mm	75 x 75mm	75 x 75mm
	TCO	TCO'5.0 (EPEAT GOLD) TCO'03 (EPEAT SILVER)	TCO'5.0 (EPEAT GOLD) TCO'03 (EPEAT SILVER)	TCO'5.0 (EPEAT GOLD) TCO'03 (EPEAT SILVER)	TCO'5.0 (EPEAT GOLD) TCO'03 (EPEAT SILVER)	TCO'03 (EPEAT SILVER)	TCO'5.0 (EPEAT GOLD) TCO'03 (EPEAT SILVER)	TCO'5.0 (EPEAT GOLD) TCO'03 (EPEAT SILVER)	TCO'5.0 (EPEAT GOLD) TCO'03 (EPEAT SILVER)	TCO'03 (EPEAT SILVER)	TCO'5.0 (EPEAT GOLD) TCO'03 (EPEAT SILVER)
	Cabinet Colour	Black	Black	Black	Black	Black	Black	Black	Black	Black	Black
	Optional Accessories	-	-	-	-	-	-	-	-	-	-
Special Features		MagicBright 3, Magic Eco, Magic Angle, Off timer, Image Size, Colour Effect, Customised key, Windows Vista Basic	MagicBright 3, Magic Eco, Magic Angle, Off timer, Image Size, Colour Effect, Customised key, Windows Vista Basic	MagicBright 3, Magic Eco, Magic Angle, Magic Return, Off timer, Image Size, Colour Effect, Customised key, Windows7, DVI with HDCP	MagicBright 3, Magic Eco, Magic Angle, Off timer, Image Size, Colour Effect, Customised key, Windows Vista Basic	MagicBright 3, Magic Eco, Magic Angle, Off timer, Image Size, Colour Effect, Customised key, Windows Vista Basic	MagicBright 3, Magic Eco, Magic Angle, Off timer, Image Size, Colour Effect, Customised key, Windows Vista Basic	MagicBright 3, Magic Eco, Magic Angle, Magic Return, Off timer, Image Size, Colour Effect, Customised key, Windows7, DVI with HDCP	MagicBright 3, Magic Eco, Magic Angle, Off timer, Image Size, Colour Effect, Customised key, Windows Vista Basic	MagicBright 3, Magic Eco, Magic Angle, Off timer, Image Size, Colour Effect, Customised key, Windows Vista Basic	MagicBright 3, Magic Eco, Magic Angle, Magic Return, Off timer, Image Size, Colour Effect, Customised key, Windows7, DVI with HDCP
Dimension	Product(+ stand, WxHxD, mm)	373.5 x 395.9 x 179.8	443.4 x 355 x 179.8	417.2 x 426.4 x 179.8	417.2 x 426.4 x 179.8	443.0 x 375.0 x 179.8	475.1 x 368.95 x 179.8	513.2 x 388.5 x 200	513.2 x 388.5 x 200	510.7 x 418.7 x 200	551 x 408.3 x 200
	Product(- stand, WxHxD, mm)	373.5 x 314.5 x 62	443.4 x 272.5 x 63.2	417.2 x 344.9 x 65.5	417.2 x 344.9 x 65.5	443.0 x 295.1 x 63	475.1 x 289.05 x 62	513.2 x 309.6 x 61.9	513.2 x 309.6 x 61.9	510.7 x 337.75 x 62	551 x 330.6 x 62
	Shipment (WxHxD, mm)	441 x 132 x 381	517 x 136 x 345	494 x 424 x 132	494 x 424 x 132	443 x 89 x 295	550 x 136 x 362	586 x 136 x 386	586 x 136 x 386	587 x 136 x 415	630 x 414 x 148
Weight	Product (kg)	3.5	3.45	4.2	4.2	3.6	3.95	4.1	4.1	4.55	4.75
	Shipment (kg)	4.3	4.4	5.5	5.5	4.7	4.95	5.3	5.2	6	6.25
Stand	Type	Simple Stand	Simple Stand	Simple Stand	Simple Stand	Simple Stand	Simple Stand	Simple Stand	Simple Stand	Simple Stand	Simple Stand
	Function	Tilt	Tilt	Tilt	Tilt	Tilt	Tilt	Tilt	Tilt	Tilt	Tilt

\* Design and specifications are subject to change without notice.



# SERIES 40 MONITORS SPECIFICATION

## ESSENTIAL BUSINESS RANGE



Model Name	B1740R	B1940M	B1940R	B1940MR	B1940W	B2240	B2240M	B2240MW	B2240W	B2340	B2440L	B2440	B2440M	B2440MH	
Display	Screen size	17"	18.5" Wide	19"	19"	19" Wide	21.5" Wide	21.5" Wide	22" Wide	22" Wide	23" Wide	23.6" Wide	24" Wide	24" Wide	
	Brightness (Typical)	250 cd/m²	250 cd/m²	250 cd/m²	250 cd/m²	300 cd/m²	300 cd/m²	300 cd/m²	300 cd/m²	300 cd/m²	300 cd/m²	300 cd/m²	300 cd/m²	300 cd/m²	
	Contrast Ratio (Typ. 1000:1)	DC 50000:1	DC 50000:1	DC 50000:1	DC 50000:1	DC 70000:1	DC 70000:1	DC 70000:1	DC 70000:1	DC 70000:1	DC 70000:1	DC 70000:1	DC 70000:1	DC 70000:1	
	Resolution	1280 x 1024	1360 x 768	1280 x 1024	1280 x 1024	1440 x 900	1920 x 1080	1920 x 1080	1680 x 1050	1680 x 1050	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
	Response Time (Typical)	5ms	5ms	5ms	5ms	5ms	5ms	5ms	5ms	5ms	5ms	5ms	5ms	5ms	5ms
	Viewing Angle (H/V)	170°/160° (CR>10)	170°/160° (CR>10)	170°/160° (CR>10)	170°/160° (CR>10)	170°/160° (CR>10)	170°/160° (CR>10)	170°/160° (CR>10)	170°/160° (CR>10)	170°/160° (CR>10)	170°/160° (CR>10)	170°/160° (CR>10)	170°/160° (CR>10)	170°/160° (CR>10)	170°/160° (CR>10)
	Colour Supported	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M
Signal Input	Video Signal	Analog RGB, DVI	Analog RGB, DVI	Analog RGB, DVI	Analog RGB, DVI	Analog RGB, DVI	Analog RGB, DVI	Analog RGB, DVI	Analog RGB, DVI	Analog RGB, DVI	Analog RGB, DVI	Analog RGB, DVI	Analog RGB, DVI	Analog RGB, DVI, HDMI	
	Sync. Signal	Separate H/V, Composite, SOG	Separate H/V, Composite, SOG	Separate H/V, Composite, SOG	Separate H/V, Composite, SOG	Separate H/V, Composite, SOG	Separate H/V, Composite, SOG	Separate H/V, Composite, SOG	Separate H/V, Composite, SOG	Separate H/V, Composite, SOG	Separate H/V, Composite, SOG	Separate H/V, Composite, SOG	Separate H/V, Composite, SOG	Separate H/V, Composite, SOG	
	Connector	15pin D-SUB, DVI-D	15pin D-SUB, DVI-D	15pin D-SUB, DVI-D	15pin D-SUB, DVI-D	15pin D-SUB, DVI-D	15pin D-SUB, DVI-D	15pin D-SUB, DVI-D	15pin D-SUB, DVI-D	15pin D-SUB, DVI-D	15pin D-SUB, DVI-D	15pin D-SUB, DVI-D	15pin D-SUB, DVI-D	15pin D-SUB, DVI-D, HDMI, Audio Out	
Power	Power consumption	20W	22W	22W	22W	35W	45W	45W	45W	45W	45W	45W	45W	45W	
	Stand by Power (DPMS)	<0.3W	<0.3W	<0.3W	<0.3W	<0.3W	<0.3W	<0.3W	<0.3W	<0.3W	<0.3W	<0.3W	<0.3W	<0.3W	
	Type	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	
Features	Plug & Play	DDC 2B	DDC 2B	DDC 2B	DDC 2B	DDC 2B	DDC 2B	DDC 2B	DDC 2B	DDC 2B	DDC 2B	DDC 2B	DDC 2B	DDC 2B	
	USB powered hub option	No	No	No	No	No	No	No	No	No	No	No	No	No	
	Mac compatibility	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
	Multimedia Speakers	No	1W x 2ch	No	1W x 2ch	No	No	1W x 2ch	1W x 2ch	No	No	No	No	1W x 2ch	
	Wall-Mount	75 x 75mm	75 x 75mm	75 x 75mm	75 x 75mm	75 x 75mm	75 x 75mm	75 x 75mm	75 x 75mm	75 x 75mm	75 x 75mm	75 x 75mm	75 x 75mm	75 x 75mm	
	TCO	TCO'S.0 (EPEAT GOLD) TCO'03 (EPEAT SILVER)	TCO'S.0 (EPEAT GOLD) TCO'03 (EPEAT SILVER)	TCO'S.0 (EPEAT GOLD) TCO'03 (EPEAT SILVER)	TCO'S.0 (EPEAT GOLD) TCO'03 (EPEAT SILVER)	TCO'03 (EPEAT SILVER)	TCO'S.0 (EPEAT GOLD) TCO'03 (EPEAT SILVER)	TCO'S.0 (EPEAT GOLD) TCO'03 (EPEAT SILVER)	TCO'03 (EPEAT SILVER)	TCO'03 (EPEAT SILVER)	TCO'S.0 (EPEAT GOLD) TCO'03 (EPEAT SILVER)	TCO'S.0 (EPEAT GOLD) TCO'03 (EPEAT SILVER)	TCO'S.0 (EPEAT GOLD) TCO'03 (EPEAT SILVER)	TCO'S.0 (EPEAT GOLD) TCO'03 (EPEAT SILVER)	TCO'S.0 (EPEAT GOLD) TCO'03 (EPEAT SILVER)
	Cabinet Colour	Black	Black	Black	Black	Black	Black	Black	Silver	Black	Black	Black	Black	Black	Black
	Optional Accessories	-	-	-	-	-	DVI Cable	DVI Cable	DVI Cable	DVI Cable	-	-	-	-	DVI Cable
	Special Features	MagicBright 3, Magic Eco, Magic Angle, Magic Return, Off timer, Image Size, Colour Effect, Customised key, Windows7, DVI with HDCP	MagicBright 3, Magic Eco, Magic Angle, Magic Return, Off timer, Image Size, Colour Effect, Customised key, Windows7, DVI with HDCP	MagicBright 3, Magic Eco, Magic Angle, Magic Return, Off timer, Image Size, Colour Effect, Customised key, Windows7, DVI with HDCP	MagicBright 3, Magic Eco, Magic Angle, Magic Return, Off timer, Image Size, Colour Effect, Customised key, Windows7, DVI with HDCP	MagicBright 3, Magic Eco, Magic Angle, Magic Return, Off timer, Image Size, Colour Effect, Customised key, Windows7, DVI with HDCP	MagicBright 3, Magic Eco, Magic Angle, Magic Return, Off timer, Image Size, Colour Effect, Customised key, Windows7, DVI with HDCP	MagicBright 3, Magic Eco, Magic Angle, Magic Return, Off timer, Image Size, Colour Effect, Customised key, Windows7, DVI with HDCP	MagicBright 3, Magic Eco, Magic Angle, Magic Return, Off timer, Image Size, Colour Effect, Customised key, Windows7, DVI with HDCP	MagicBright 3, Magic Eco, Magic Angle, Magic Return, Off timer, Image Size, Colour Effect, Customised key, Windows7, DVI with HDCP	MagicBright 3, Magic Eco, Magic Angle, Magic Return, Off timer, Image Size, Colour Effect, Customised key, Windows7, DVI with HDCP	MagicBright 3, Magic Eco, Magic Angle, Magic Return, Off timer, Image Size, Colour Effect, Customised key, Windows7, DVI with HDCP	MagicBright 3, Magic Eco, Magic Angle, Magic Return, Off timer, Image Size, Colour Effect, Customised key, Windows7, DVI with HDCP	MagicBright 3, Magic Eco, Magic Angle, Magic Return, Off timer, Image Size, Colour Effect, Customised key, Windows7, DVI with HDCP	MagicBright 3, Magic Eco, Magic Angle, Magic Return, Off timer, Image Size, Colour Effect, Customised key, Windows7, DVI with HDCP
	Dimension	Product(+ stand, WxHxD, mm)	373.5 x 330.4 x 149.6	443.4 x 190 x 323.7	417.2 x 389.7 x 220	417.2 x 389.7 x 220	443.0 x 337.05 x 190	513.2 x 341.2 x 190	513.2 x 341.2 x 190	510.7 x 393.2 x 220.0	510.7 x 393.2 x 220.0	551 x 388.4 x 220	570 x 387.8 x 220	570 x 387.8 x 220	570 x 387.8 x 220
Product(- stand, WxHxD, mm)		373.5 x 314.5 x 68	443.4 x 272.5 x 69.5	417.2 x 344.9 x 70.5	417.2 x 344.9 x 70.5	443.0 x 295.1 x 69.15	513.2 x 309.6 x 68	513.2 x 309.6 x 68	510.7 x 337.75 x 68	510.7 x 337.75 x 68	551 x 330.6 x 68	570 x 342.4 x 68	570 x 342.4 x 68	570 x 342.4 x 68	
Shipment (WxHxD, mm)		458 x 188 x 387	517 x 193 x 349	528 x 424 x 193	528 x 424 x 193	443 x 130 x 295	586 x 188 x 386	586 x 188 x 386	587 x 193 x 416	587 x 193 x 416	630 x 414 x 193	653 x 425 x 192	653 x 425 x 192	653 x 425 x 192	653 x 425 x 192
Weight	Product (kg)	4.3	4.3	4.8	4.8	4.2	4.9	5.25	5.2	5.2	5.45	5.8	5.7	5.75	
	Shipment (kg)	5.5	5.35	6.2	6.2	5.6	6.2	6.55	7.25	7.25	7.15	7.6	7.35	7.4	
Stand	Type	100mm HAS	100mm HAS	130mm HAS	130mm HAS	100mm HAS	100mm HAS	100mm HAS	130mm HAS	130mm HAS	130mm HAS	130mm HAS	130mm HAS	130mm HAS	
	Function	Tilt	Tilt	Tilt	Tilt	Tilt	Tilt	Tilt	Tilt	Tilt	Tilt	Tilt	Tilt	Tilt	

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