

PHILIPS MONITORS B2B

01/05/2005

			End user price	
CRT				
17" Monitors	MOQ		excl. VAT	incl. VAT
107E61	30	Real Shadow mask, max. res. 1280 x 1024, Autoscan 30-70 kHz, h. dotpitch 0.23, Dig. Cont. (OSD) - MPR-II - Grey	115.24	132.52
107E66	30	Real Shadow mask, max. res. 1280 x 1024, Autoscan 30-70 kHz, h. dotpitch 0.23, Dig. Cont. (OSD) - MPR-II - Black	115.24	132.52
107T60	20	Real Flat Shadow mask, max. res. 1280 x 1024, Autoscan 30-71 kHz, h. dotpitch 0.23, LightFrame 3, Dig. Cont. (OSD) - TCO'03 - Grey	146.41	168.37
107S61	20	Flat Shadow mask, max. res. 1280 x 1024, Autoscan 30-71 kHz, h. dotpitch 0.23, LightFrame 3, Dig. Cont. (OSD) - MPR-II. Grey	137.50	158.13
107S66	20	Flat Shadow mask, max. res. 1280 x 1024, Autoscan 30-71 kHz, h. dotpitch 0.23, LightFrame 3, Dig. Cont. (OSD) - MPR-II. Black	137.50	158.13
107P50	16	Real Flat Shadow mask, ICE technology, max. res. 1920 x 1440, Autoscan 30-97 kHz, h. dotpitch 0.21, LightFrame 3 , Dig. Cont. (OSD) - TCO99 - Grey	201.04	231.20
19" Monitors			excl. VAT	incl. VAT
109E50	16	Black Matrix, max. res. 1280 x 1024, Autoscan 30-92 kHz, h. dotpitch 0.23, LightFrame 3 Dig. Cont. (OSD) - TCO99 - Grey	170.24	195.77
109B60	16	Real Flat Shadow mask, max. res. 1280 x 1024, Autoscan 30-97 kHz, h. dotpitch 0.21, LightFrame 3, XSD, Dig. Cont. (OSD) - TCO99 - Grey	215.71	248.07
21" & 22" Monitors			excl. VAT	incl. VAT
201B40	12	High Contrast, max. res. 1600 x 1280, h. dotpitch 0.22, Autoscan 30-107 kHz, Dig. Cont (OSD) - TCO99. - Grey	543.99	625.59
202P40	6	Real Flat, brilliance,TCO99 dotpitch 0,24 multi Autoscan 30-130 kHz, digital control (OSD)	645.59	742.42
LCD				
15" Monitors				
150S6FG	54	TFT active matrix 15", max. res. 1024x768, OSD, pixelpitch 0.297mm, CR/B 450/250, RT 16 ms Input Dsub - TCO'03 - Gray	209.53	240.96
150S6FS	54	TFT active matrix 15", max. res. 1024x768, OSD, pixelpitch 0.297mm, CR/B 450/250, RT 16 ms Input Dsub - TCO'03 - Silver	209.53	240.96
17" Monitors				
170S6FG	6	TFT active matrix 17", max. res. 1280x1024, OSD, pixelpitch 0.264mm, CR/B 500/250, RT 12 ms Input (Dsub) - TCO'03 - Grey	260.59	299.68
170S6FS	6	TFT active matrix 17", max. res. 1280x1024, OSD, pixelpitch 0.264mm, CR/B 500/250, RT 12 ms Input (Dsub) - TCO'03 - Silver	260.59	299.68
170S6FB	6	TFT active matrix 17", max. res. 1280x1024, OSD, pixelpitch 0.264mm, CR/B 500/250, RT 12 ms Input (Dsub) - TCO'99 - Black	260.59	299.68
170B6CG	6	TFT active matrix 17", max. res. 1280x1024, OSD, pixelpitch 0.264mm, CR/B 500/250, RT 8 ms Speakers, Input (Dsub & DVI) - USB 2.0 - Perfect Panel - TCO'03 - Grey	347.03	399.08
170B6CS	6	TFT active matrix 17", max. res. 1280x1024, OSD, pixelpitch 0.264mm, CR/B 500/250, RT 8 ms Speakers, Input (Dsub & DVI) - USB 2.0 - Perfect Panel - TCO'03 - Silver	347.03	399.08
170P6EG	6	TFT active matrix 17", max. res. 1280x1024, OSD, pixelpitch 0.264mm, CR/B 500/250, RT 8 ms Speakers, Super Ergo Base, Input (Dsub & DVI) - 4 x USB 20 - Perfect Panel - TCO'03 - Grey	405.96	466.85
170P6ES	6	TFT active matrix 17", max. res. 1280x1024, OSD, pixelpitch 0.264mm, CR/B 500/250, RT 8 ms Speakers, Super Ergo Base, Input (Dsub & DVI) - 4 x USB 20 - Perfect Panel - TCO'03 - Silver	405.96	466.85
19" Monitors				
190S6FG	4	TFT active matrix 19", max. res. 1280x1024, OSD, pixelpitch 0.294mm, CR/B 500/250, RT 8 ms Input (Dsub) - TCO'03 - Gray	352.26	405.10
190S6FS	4	TFT active matrix 19", max. res. 1280x1024, OSD, pixelpitch 0.294mm, CR/B 500/250, RT 8 ms Input (Dsub) - TCO'03 - Silver	352.26	405.10
190B6CG	4	TFT active matrix 19", max. res. 1280x1024, OSD, pixelpitch 0.294mm, CR/B 600/250, RT 8 ms Speakers, Input (Dsub & DVI) - USB 2.0 - Perfect Panel - TCO'03 - Grey	576.19	662.62
190B6CS	4	TFT active matrix 19", max. res. 1280x1024, OSD, pixelpitch 0.294mm, CR/B 600/250, RT 8 ms Speakers, Input (Dsub & DVI) - USB 2.0 - Perfect Panel - TCO'03 - Silver	576.19	662.62
190P6EG	4	TFT active matrix 19", max. res. 1280x1024, OSD, pixelpitch 0.294mm, CR/B 600/250, RT 8 ms Speakers, Super Ergo Base, Input (Dsub & DVI) - 4 x USB 20 - Perfect Panel - TCO'03 - Grey	654.76	752.98
190P6ES	4	TFT active matrix 19", max. res. 1280x1024, OSD, pixelpitch 0.294mm, CR/B 600/250, RT 8 ms Speakers, Super Ergo Base, Input (Dsub & DVI) - 4 x USB 20 - Perfect Panel - TCO'03 - Grey	654.76	752.98
20" Monitors			excl. VAT	incl. VAT
200P4SS	4	TFT active matrix 20", max. res. 1600x1200, OSD, pixelpitch 0.255mm, CR/B 400/250, RT 16 ms Speakers, Input (Dsub & DVI) - TCO'03 - Silver	818.46	941.22
200P4MG	4	TFT active matrix 20", max. res. 1600x1200, OSD, pixelpitch 0.255mm, CR/B 400/250, RT 16 ms Speakers, Input (Dsub & DVI) - TCO'03 - Grey - Medical Certification	818.46	941.22
200W6CS	4	TFT active matrix 20", max. res. 1680x1050, OSD, pixelpitch 0.258mm, CR/B 600/300, RT 16 ms Speakers, Input (Dsub & DVI) - USB 2.0 - TCO'03 - Silver	707.15	813.22
23" Monitors			excl. VAT	incl. VAT
230W5BS	2	TFT active matrix 23", max. res. 1920x1200, OSD, pixelpitch 0.258mm, CR/B 500/250, RT 16 ms Speakers, Input (Dsub & DVI) - Universal Card Reader - TCO'03 - Silver	1636.91	1 882.45
Wireless Thin Client			excl. VAT	incl. VAT
100WT10P	1	10.4" TFT LCD Wireless Thin Client, 802.11b WLAN, 128MB SDRAM on board, Microsoft®Windows® CE.NET Touch panel & Audio System	1391.92	1 600.71

Monitor Options

excl. VAT

incl. VAT

Protective Covers

XG3P40	12	LCD - Cover 15" Potomac for 150B4/S4 - colour : only Gray	57.99	66.69
XG3B30	12	LCD - Cover 17" Potomac for 170B2/S2 - colour : only Gray	57.99	66.69
XG3P31	12	LCD - Cover 18" Brilliance for 180P2/B2/S2 - colour : only Gray	57.99	66.69

Pedestals/Bases

UG3P30	6	LCD - Ergo Base for 150P3/B3/S3 range (90° rotation & heighth adj.) - colour : only Gray	57.99	66.69
VG3P30	4	LCD - MultiMedia base for 150S/B/P range (2 X 48W PMPO, 90° rotation) - colour : only Gray	57.99	66.69
VG3P40	6	LCD - MultiMedia + Ergo base for 150P/B/S range (2 X 48W PMPO, 90° rotation, heighth adj.) - Gray	57.99	66.69
VG3P31	4	LCD - Multimedia + Ergo base for 170S/B range (2X48W PMPO, 90° rotation, heighth adj.) -Gray	57.99	66.69
VG3P32	4	LCD - Multimedia + Ergo base for 170B2/S2 range (2X48W PMPO, 90° rotation, heighth adj.) - Black	57.99	66.69
6G3B11/00	8	CRT - Multi media pedestal for 105, 107T4/B, 109S/B - colour : only Gray	15.96	18.36
6G3B11/20	8	CRT - Multi media pedestal for 107T5 - colour : only Gray	15.96	18.36
AG3P40/20	18	AudioChin (silver) for 150P3/P4 and 150B3/B4 plug and play stereo speakers colour : Silver	32.78	37.70
AG3P41/20	18	AudioChin (Gray) for 150P3/P4 and 150B3/B4 plug and play stereo speakers Colour : Grey	32.78	37.70
SB4B15	4	Super Ergo base 15" black	83.20	95.68
SB4G15	4	Super Ergo base 15" gray	83.20	95.68
SB4B17	4	Super Ergo base 17" and 18"black	83.20	95.68
SB4G17	4	Super Ergo base 17" and 18"gray	83.20	95.68
SB3B1819/00	4	Super Ergo base 19" black	83.20	95.68
SB3G1819/00	4	Super Ergo base 19" gray	83.20	95.68
SB3B20	4	Super Ergo base 20" black	83.20	95.68
SB3G20	4	Super Ergo base 20" gray	83.20	95.68

Cables

DD4B/00	50	DVI cable black	10.51	12.08
DD4G/00	50	DVI cable gray	10.51	12.08

Video Module

VMS4S20/00	1	Video Module 20" LCD	57.99	66.69
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CR/B x/y means : Contrast Ratio = x:1 / Brightness = y Cd/m2 (nits)

* New set

** Only projects lead time 7 weeks

Prot.Cov. = PC = Protective Cover

Philips LCD Monitors - B2B Range Q2 2005



	23"	20"	19"	17"	15"
		 	  	  	
Type number Silver color	230W 5BS	200P6IS	190P6ES	170P6ES	150S6FS
Type number Ivory color		200P6IG	190P6EG	170P6EG	150S6FG
Type number Black color					
Target group	Professional	Professional	Professional	Professional	SoHo
Colours available	Silver	Ivory/Silver	Ivory/Silver	Ivory/Silver	Ivory/Silver
Front of Screen Performance					
Display type	WUXGA	UXGA	WXGA+	WXGA	WXGA
Effective viewing area (mm)	495.4 x 309.6	408 x 306	433.5 x 270.9	376.3 x 301.1	304.1 x 228.1
Display colors	16.7M	16.7M	16.7M	16.7M	16.7M
Pixel pitch (mm)	0.258 x 0.258	0.255 x 0.255	0.258 x 0.258	0.294 x 0.294	0.297 x 0.297
Response time (ms)	16	16	16	8	16
Typical contrast ratio	500:1	400:1	600:1	500:1	450:1
Typical brightness (nits)	250	250	300	250	250
Viewing angle horizontal (CR>5)	176	176	176	160	160
Viewing angle vertical (CR>5)	176	176	176	160	140
Horizontal freq (kHz)	30-94	30-94	30-94	30-82	30-61
Vertical freq (Hz)	56-85	56-85	56-85	56-76	56-76
Max resolution	1920 x 1200	1600 x 1200	1680 x 1050	1280 x 1024	1024 x 768
Refresh rate at max res. (Hz)	60	60	60	75	75
Recommended max resolution	1920 x 1200	1600 x 1200	1680 x 1050	1280 x 1024	1024 x 768
Refresh rate at recom.max.res. (Hz)	60	60	60	60	60
Picture enhancement	-	-	-	LightFrame ^a	-
sRGB	-	Yes	Yes	Yes	Yes
Signal input	D-Sub, DVI	D-Sub, DVI	D-Sub, DVI	D-Sub, DVI	D-Sub
Ergonomics					
Height Adjustment (mm)	-	130	70	130	Optional*
Portrait Display	-	Yes	Optional*	Yes	Optional*
Tilt	-5/+20	-5/+25	-5/+25	-5/+25	-5/+25
Swivel	170	65	175	65	-
User interface	On Screen Display	On Screen Display	On Screen Display	On Screen Display	On Screen Display
User definable modes	15	37	-	14	16
Monitor dimension W x H x D (mm)	548x452x250	488x481x151	513x410x235	425x432x151	375x431x210
Monitor weight (kg)	9	7.5	7.2	10.6	7.3
TCO certification	TCO 03	TCO 03	TCO 03	TCO 03	TCO 03
Total Costs of Ownership					
Service & Warranty	3 year on-site	3 year on-site	3 year on-site	3 year on-site	3 year on-site
Asset management	SmartManage Pro	SmartManage Pro	SmartManage Pro	SmartManage Pro	SmartManage Pro
Pixel policy	Zero Bright Pixel Dead	Zero Bright Pixel Dead	Zero Bright Pixel Dead	Perfect Panel	Zero Bright Pixel Dead
ISO 13406-2	Class II	Class II	Class II	Class I	Class II
Security hardware	Kensington lock	Kensington lock	Kensington lock	Kensington lock	Kensington lock
Security software	Yes	Yes	Yes	Yes	Yes
Power consumption	90W	50W	75W	42.5W	33W
Power consumption - Sleep mode	<2W	1.5W	1W	1W	1W
Power compliance	E2000, Energy Star, Nutek	Energy Star, Nutek	Energy Star, Nutek	E2000, Energy Star, Nutek	E2000, Energy Star, Nutek
Added Value					
Built in audio	Yes	Yes	Yes	Yes	-
Built in power supply	Yes	Yes	Yes	Yes	-
DVI cable included	Yes	Yes	Yes	Yes	-
Headphone jack	-	Yes	Yes	Yes	-
Vesa mountable	Yes	Yes	Yes	Yes	Yes
Widescreen	Yes	-	Yes	-	-
Video connection	-	Yes	-	-	-
USB 2.0 Hub	Yes	Yes	Yes	Yes	-





*Optional Super Ergo Base



PHILIPS

CRT Monitors

	22"	21"	19"		
					
Type number	202P40	201B40	109P40	109B50	109E50
Target group	Brilliance	Business	Brilliance	Business	SoHo
Screen size	22"	21"	19"	19"	19"
VIS (Viewable Image Size)	20.0"	20.0"	18.0"	18.0"	18.0"
Recommended screen area	392x294	392x294	355x265	355x265	355x265
Dot/horizontal pitch (mm)	0.24	0.25/0.21	0.24	0.25/0.21	0.25/0.21
Display type	AG Real Flat	Super High Contrast	AG Real Flat	SM Real Flat	High Contrast
ICE technology/Auto Calibrate	yes/yes	no/yes	yes/yes	no/no	no/no
LightFrame™	no	no	no	LightFrame™ 3	no
Horizontal freq (kHz)	30-130	30-115	30-111	30-97	30-92
Vertical freq (Hz)	50-160	50-160	50-160	50-160	50-160
Video dot rate (mHz)	360	300	290	250	250
Max resolution	2048x1536	1920x1440	1920x1440	1920x1440	1920x1440
Recommended max resolution	1600x1200	1600x1200	1280x1024	1280x1024	1280x1024
Refresh rate at max res. (Hz)	80	75	74	60	60
Refresh rate at recom.max.res (Hz)	104	91	104	90	86
Tilt/Swivel	yes/yes	yes/yes	yes/yes	yes/yes	yes/yes
USB Bay/USB Hub (option)	no	no	no	no	no
Video connection	D-Sub/BNC	D-Sub/BNC	D-Sub/BNC	D-Sub	D-Sub
Speakers (optional)	no	no	no	no	no
Emission standard	TCO'99	TCO'99	TCO'99	TCO'03	TCO'03
Monitor dimension WxHxD (mm)	501x501x466	482x476x467	456x469x438	440x433x449	440x433x437
Monitor weight (kg)	28.5	28	23.5	20	17.8
Main application	DIP, GIS, DTP	CAD/CAM, DTP	High-end & Business	Business	Business & SoHo

17"			
			
107P50	107T50	107X53	107E50
Brilliance	Business	SoHo	Entry
17"	17"	17"	17"
16.0"	16.0"	16.0"	16.0"
310x230	306x230	306x230	306x230
0.25/0.21	0.25/0.21	0.27/0.23	0.27/0.23
SM Real Flat	SM Real Flat	Flat Square	Flat Square
no/no	no/no	no/no	no/no
LightFrame™ 3	LightFrame™ 3	no	no
30-97	30-71	30-70	30-70
50-160	50-160	50-160	50-160
250	120	120	120
1920x1440	1280x1024	1280x1024	1280x1024
1024x768	1024x768	1024x768	1024x768
60	65	65	65
115	89	88	88
yes/yes	yes/yes	yes/yes	yes/yes
no	no	no	no
D-Sub	D-Sub	D-Sub	D-Sub
(Front 2x1.5W)	(Front 2x1.5W)	no	(Front 2x1.5W)
TCO'03	TCO'03	TCO'03	TCO'03
399x410x419	397x383x424	397x405x415	397x383x419
15.1	15.5	14.3	14.5
High-end & Business	Business	Home/small office	Home/small office

Accessories

Super Ergo Base

The Super Ergo Base provides your monitor with full ergonomics functions

- 130 mm height adjustment
- 90 degrees portrait & landscape display
- adjustable tilt and swivel

DVI Cable

Turn your monitor to fully digital with DVI.

DVI cable standard included with all P- and VV-models.

For B-models optional available as accessory

- DD4B (black DVI cable)
- DD4G (grey DVI cable)



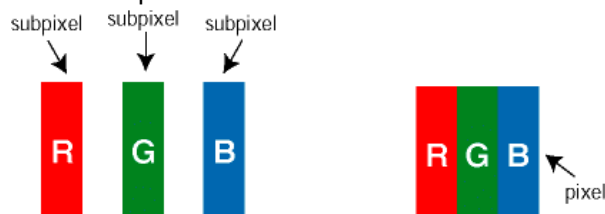


Règle d'action concernant les défauts de pixels des écrans TFT Philips update 03/2005

Philips s'efforce de livrer des produits de la plus haute qualité. Nous utilisons les processus de fabrication les plus avancés de l'industrie et les méthodes de contrôle de la qualité les plus stricts. Néanmoins, des défauts de pixels ou de sous-pixels des panneaux TFT LCD utilisés dans les écrans plats sont parfois inévitables. Aucun fabricant ne peut garantir que tous les panneaux seront sans défaut de pixel, mais Philips garantit que tout moniteur avec un nombre inacceptable de défauts ou remplacé sous garantie. Cet avis explique les différents types de défauts de pixels et définit les niveaux de défauts acceptables pour chacun de ces types. Pour bénéficier de la réparation ou du remplacement sous garantie, le nombre de défauts de pixels sur un panneau TFT LCD doit dépasser ces niveaux acceptables. Par exemple, pas plus de 0,0004% des sous-pixels d'un moniteur XGA de 38 cm (15 pouces) ne peuvent être défectueux. En outre, parce que certains types ou combinaisons de défauts de pixels sont plus remarqués que d'autres, Philips détermine des niveaux de qualité encore plus élevés pour ceux-là.

Pixels et sous-pixels

Un pixel, ou élément d'image, est composé de trois sous-pixels dans les couleurs primaires rouges, vert et bleu. Beaucoup de pixels forment ensemble une image. Quand tous les sous-pixels d'un pixel sont allumés, les trois sous-pixels colorés apparaissent ensemble comme un seul pixel blanc. Quand ils sont tous sombres, les trois sous-pixels colorés apparaissent ensemble comme un seul pixel noir. Les autres combinaisons de sous-pixels allumés et sombres apparaissent comme les pixels individuels d'autres couleurs



Types de défauts de pixels

Les défauts de pixels et de sous-pixels apparaissent sur l'écran de différentes façons. Il existe deux catégories de défauts de pixels et plusieurs types de défauts de sous-pixels dans chaque catégorie.

Défauts de points clairs Les défauts de points clairs sont dus à des pixels et sous-pixels toujours clairs ou " allumés ".		
Un sous-pixel rouge, vert ou bleu allumé	Deux sous-pixels allumés adjacents : <ul style="list-style-type: none">- Rouge + Bleu = Violet- Rouge + Vert = Jaune- Vert + Bleu = Cyan (Bleu pâle)	Trois sous-pixels adjacents allumés (un pixel blanc)

Défauts de points noirs Des défauts de points noirs sont dus à des pixels et sous-pixels toujours sombres ou " éteints ".	
Un sous-pixel sombre	Deux ou trois sous-pixels sombres adjacents



Proximité de défauts de pixels

Du fait que des défauts de même type provenant de pixels et sous-pixels proches les uns des autres peuvent être plus facilement remarqués, Philips spécifie aussi des tolérances pour la proximité des défauts de pixels.

Tolérances des défauts de pixels

Pour bénéficier, pendant la période de garantie, d'une réparation ou d'un remplacement en raison de défauts de pixels, le panneau TFT LCD d'un écran plat de Philips doit avoir des défauts de pixels et sous-pixels qui dépassent les tolérances répertoriées dans les tableaux suivants.

Philips LCD Monitors :

Bright Dot Defects				
MODEL	150S6	170S6	170B6	170P6
1 lit subpixel	4 or fewer	4 or fewer	0	0
2 adjacent lit subpixels	2 or fewer	2 or fewer	0	0
3 adjacent lit subpixels (one white pixel)	0	0	0	0
Distance between two bright dot defects*	15 mm	15 mm	-	-
Total bright dot defects of all types	4 or fewer	4 or fewer	0	0
Black Dot Defects				
1 dark subpixel	4 or fewer	4 or fewer	0	0
2 adjacent dark subpixels	2 or fewer	2 or fewer	0	0
3 adjacent dark subpixels (one black pixel)	0	0	0	0
Distance between two black dot defects*	15 mm	15 mm	-	-
Total black dot defects of all types	4 or fewer	4 or fewer	0	0

*1 or 2 adjacent subpixel defects= 1 dot defect

Other Philips LCD Monitors :

Bright Dot Defects					
MODEL	190S6	190B6	190P6	200P6	230W5
1 lit subpixel	3 or fewer	0	0	4 or fewer	3 or fewer
2 adjacent lit subpixels	1 or fewer	0	0	2 or fewer	1 or fewer
3 adjacent lit subpixels (one white pixel)	0	0	0	0	0
Distance between two bright dot defects*	25 mm	-	-	15 mm	25 mm
Total bright dot defects of all types	3 or fewer	0	0	4 or fewer	3 or fewer
Black Dot Defects					
1 dark subpixel	5 or fewer	0	0	4 or fewer	5 or fewer
2 adjacent dark subpixels	2 or fewer	0	0	2 or fewer	2 or fewer
3 adjacent dark subpixels (one black pixel)	0	0	0	0	0
Distance between two black dot defects*	15 mm	-	-	15 mm	15 mm
Total black dot defects of all types	5 or fewer	0	0	4 or fewer	5 or fewer

Philips vous garantit un panel LCD-TFT parfait sur les moniteurs 170B6, 170P6, 190B6 & 190P6 !

