



Flat Panel Color Monitors

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IBM Flat Panel Color Monitors are ideal for trading room floors, call centers, hospitals, design shops and other environments where space is at a premium. IBM Flat Panel Color Monitors take the superior active matrix TFT LCD technology found on IBM ThinkPad notebooks and apply it to standalone flat panel monitors. They are thin and lightweight and still deliver large viewable images with consistent picture quality from edge to edge. They don't use a lot of energy and they give off very little heat. And because of their TFT technology, they produce virtually no electromagnetic emissions.

Touchscreen Monitors

IBM offers touchscreen monitors through MicroTouch Systems, Inc. They are perfect for any business or public environment where touch or pen input is desired.

Need more information?

Reseller Locator

U.S. 1 800 426-7255 ext. 4753
Canada 1 800 426-2255

MicroTouch Systems Inc.

U.S. 1 800 642-7686
Canada 1 800 565-3344

Online Information

World Wide Web
U.S. www.ibm.com/pc/us/options
Canada www.ibm.com/pc/ca/options
MicroTouch Systems Inc. www.microtouch.com

IBM Personal Systems Group Fax System

U.S. 1 800 IBM-3395
Customer Index #1011
Reseller Index #2011

General Purpose Monitors

Our General Purpose Monitors work like a charm when you're running home or standard business applications such as word processing, data entry or basic graphics. And now that we offer up to a 19" CRT, our General Purpose Monitors extend their capability to easily support spreadsheet and many graphic-intensive jobs.



Professional Monitors

Professional Monitors

Our Professional Monitors thrive in environments requiring high-end text and image quality, such as desktop publishing, CAD and imaging. These top-of-the-line monitors boast advanced features.

Trinitron tube technology: The Trinitron® fine pitch aperture grille technology on our Professional Monitors helps them achieve unsurpassed picture quality. Superior anti-reflective screen treatments substantially reduce glare without sacrificing the brightness or crispness of screen images.

Dual video signal input: Some models of our Professional Monitors give you the flexibility to simultaneously attach one monitor to two systems—even if they're running different operating systems.

Lower emissions: When it comes to low electric, magnetic and electrostatic emissions, our Professional Monitors not only satisfy MPR-II guidelines, but the more demanding TCO-95 requirements as well.



IBM visuals products have recently been recognized by Industrie Forum Design Hannover for design excellence.

Monitors From IBM: A Perfect Match

Are you looking for a quality monitor for general office functions? An advanced-feature monitor for high-end graphics? A touchscreen monitor? A flat screen monitor for a space-conscious environment?

If so, IBM offers you a choice of excellent monitors to suit any business need. IBM monitors are developed and engineered to optimize your system's graphics capabilities and help increase your productivity. Their new look and choice of colors (Pearl white or Stealth gray) nicely complement the look of your system and workspace.

Clear, flicker-free images: You'll enjoy a clear, detailed picture with addressabilities of up to 1600x1280. All IBM monitors support standard VESA modes and refresh rates for flicker-free operation. They also support the standard 85Hz refresh rate, creating a clearer image on the screen and increasing user comfort. User-definable settings are automatically placed in memory for re-use.

User comfort: All of our monitors comply with ISO 9241 Part 3, the international standard covering front-of-screen ergonomics.¹ That makes them exceptionally easy on your eyes. And IBM is the first manufacturer in the world to test complete systems and certify compliance through a Supplier's Declaration.

Ease of use: Plug and Play technology helps to eliminate installation hassles by automatically configuring your monitor to your system. It also reports your monitor's identifying information so you can track your assets with software such as IBM Netfinity Manager.

Bring sound to your desktop: Ideal for education, training or surfing the Internet, our Business Audio Kit brings sound to your desktop at a modest price. It plugs easily into your system's USB port and snaps conveniently onto your IBM monitor.²



General Purpose Monitors



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¹Compliance with ISO 9241 Part 3 is dependent on a complete ISO-capable platform of a system unit, monitor, video subsystem, operating system and fonts.

²Business Audio Kit must be purchased separately.

³Requires attachment to a suitably configured system with similarly enabled operating software.

⁴As an Energy Star Partner, IBM has determined that this product meets the Energy Star guidelines for energy efficiency.

⁵Limited warranty includes International Warranty Service in those countries where IBM or IBM resellers sell and service IBM products (registration required). For terms and conditions or a copy of IBM's limited warranty, please call 1 800 772-2227 in the United States or 1 800 465-7999 in Canada.

⁶Not all functions available with all system units.



Printed on recycled paper containing 10% recovered post-consumer fiber.



G326-0610-06

A perfect match



Monitors Product Reference Guide



IBM General Purpose and Professional Monitors at a glance


	G94	G72	G52	G51	G42	P202	P92	P72	
Pearl white	654900N	654700N	654600N	654102N	654000N	655803N	655703N	655603N	
Stealth gray	654940N	654740N	654640N			655843N	655743N	655643N	
Tube type and size	19" FST	17" FST	15" FST	15" FST	14" Conventional	21" Trinitron CRT	19" Trinitron CRT	17" Trinitron CRT	
Viewable image size	17.8"	15.7"	13.6"	13.6"	13.2"	19.8"	17.9"	16.0"	
Technology									
Dot pitch	0.22mm (horizontal)	0.28mm	0.28mm	0.28mm	0.28mm				
Aperture Grille pitch—on center						0.25mm	0.25mm	0.25mm	
Frame rate	50–160Hz	50–120Hz	50–120Hz	55–100Hz	50–120Hz	50–160Hz	50–160Hz	50–150Hz	
Line rate	30–95KHz	30–69KHz	30–69KHz	30–54KHz	30–50KHz	30–107KHz	30–94KHz	30–85KHz	
Maximum pixel rate	202MHz	110MHz	110MHz	65MHz	65MHz	230MHz	203MHz	135MHz	
Features									
Anti-reflective/anti-static	•	•	•	•	•	•	•	•	
Tilt/swivel base	•	•	•	•	•	•	•	•	
Self test	•	•	•	•	•	•	•	•	
VESA power management ³	Energy Star, ⁴ NUTEK	Energy Star ⁴ NUTEK	Energy Star, ⁴ NUTEK	Energy Star ⁴	Energy Star, ⁴ NUTEK	Energy Star, ⁴ NUTEK	Energy Star, ⁴ NUTEK	Energy Star, ⁴ NUTEK	
ISO 9241-3 capable ¹	•	•	•	•	•	•	•	•	
MPR-II compliant	•	•	•	•	•	•	•	•	
TCO-95 compliant model	•					Standard	Standard	Standard	
VESA DDC Plug & Play enabled ³	1 & 2B	1 & 2B	1 & 2B	1 & 2B	1 & 2B	1 & 2B/2AB	1 & 2B/2AB	1 & 2B	
Additional features	USB upgradable					Dual video inputs		Dual video inputs	
Controls									
Digital control	•	•	•	•	•	•	•	•	
On-screen display	•	•	•	•	•	•	•	•	
Brightness/contrast	•	•	•	•	•	•	•	•	
Horiz/vert adjust	•	•	•	•	•	•	•	•	
Picture height/width	•	•	•	•	•	•	•	•	
Reset to factory presets	•	•	•	•	•	•	•	•	
Pincushion	•	•	•	•	•	•	•	•	
Trapezoid	•	•	•	•	•	•	•	•	
Image rotate	•	•	•	•	•	•	•	•	
Color tint	•	•	•	•	•	•	•	•	
Additional controls	Degauss Moiré control Picture zoom	Degauss	Degauss	Degauss		Degauss Horiz/vert convergence Moiré and purity adjust Picture zoom Auto screen sizing Landing adjust	Degauss Horiz/vert convergence Moiré control Picture zoom Auto screen sizing	Degauss Horiz/vert convergence Moiré control Picture zoom Enhanced video mode	
Factory/User modes	12/14	9/14	8/14	11/14	8/8	8/10	8/10	8/10	
Preset non-interlaced modes (VESA)									
640x480	60, 75, 85Hz	60, 75, 85Hz	60, 75, 85Hz	60, 72, 75, 85Hz	60, 72, 75, 85Hz	60, 85Hz	60, 85Hz	60, 75, 85Hz	
800x600	75, 85Hz	75, 85Hz	75, 85Hz	60, 75, 85Hz	60, 75Hz	85Hz	85Hz	75, 85Hz	
1024x768	75, 85Hz	75, 85Hz	70, 75, 85Hz	60Hz	60Hz	85Hz	75, 85Hz	75, 85Hz	
1280x1024	75, 85Hz					75, 85Hz	75, 85Hz	75Hz	
1600x1200	75Hz					75, 85Hz	75Hz		
IBM 3270/5250 Emulation	2, 3, 4, 5, 6	2, 3, 4, 5, 6	2, 3, 4, 5, 6	2, 3, 4, 5	2, 3, 4, 5				
Dimensions									
H x W x D	18.4" x 17.9" x 19.6"	16.2" x 16.8" x 17.6"	15.2" x 14.5" x 16.4"	15.0" x 14.6" x 16.9"	14.4" x 14.0" x 15.7"	20.2" x 19.6" x 19.7"	18.8" x 18.2" x 18.7"	17.4" x 16.1" x 17.1"	
Weight	53 lbs	38.5 lbs	30 lbs	28.7 lbs	26 lbs	69 lbs	55 lbs	43 lbs	
Power supply	100–240V AC, 50–60Hz	100–240V AC, 50–60Hz	100–240V AC, 50–60Hz	100–240V AC, 50–60Hz	100–240V AC, 50–60Hz	100–240V AC, 50–60Hz	100–240V AC, 50–60Hz	100–240V AC, 50–60Hz	
Limited warranty ⁵	3 years	3 years	3 years	1 year	1 year	3 years	3 years	3 years	

IBM Flat Panel Color Monitors at a glance


	9516	9514
Pearl white	9516B03	9514B03
Stealth gray	9516B23	9514B23
Screen		
Technology	Active Matrix Thin Film Transistor (TFT) Liquid Crystal Display (LCD)	Active Matrix Thin Film Transistor (TFT) Liquid Crystal Display (LCD)
Size/Viewable image size	16.1"/16.1"	14.1"/14.1"
Pixel pitch	.25mm	.28mm
Display colors (maximum)	16.7 million	16.7 million
Brightness	200 (cd/m ²)	200 (cd/m ²)
Contrast ratio	100:1	200:1
Functional features⁶		
Display modes	VGA, SVGA, XGA, SXGA	VGA, SVGA, XGA
Maximum addressability	1280x1024	1024x768
Active display area (horizontal x vertical)	12.5" (319mm) x 10.1" (255mm)	11.2" (285.7mm) x 8.4" (214.3mm)
Minimum viewing angle	20° up, 40° down, 45° right, 45° left	15° up, 45° down, 45° right, 45° left
On-screen controls	Yes	Yes
Power management	Energy Star, ⁴ NUTEK	Energy Star, ⁴ NUTEK
User controls		
Digital On-screen	Power, brightness, contrast Horizontal/vertical position, setup	Power, brightness, contrast Horizontal/vertical position, setup
Physical features		
Power supply	Universal, External 20Vdc (country-specific power cord must be ordered separately)	
Signal cable (system-dependent)	A 15-D to 5 BNC for PC attachment is provided with the product; (specific cables for attachment to other systems must be ordered separately)	A 15-D to 15-D for PC attachment is provided with the product; (specific cables for attachment to other systems must be ordered separately)
Compatibility	For the most up-to-date compatibility information, please visit our Web site at www.ibm.com/pc/us/options	
Dimensions (HxWxD)	16.1" (408mm) x 17.0" (431mm) x 9.8" (250mm)	13.8" (352mm) x 14.9" (379mm) x 7.4" (188mm)
Weight	21.8 lbs (9.9 kg)	10.4 lbs (5.3 kg)
Tilt/height/swivel adjustment	0° forward, 15° backward/4.1" (103mm) vertical/ 360° swivel	0° forward, 40° backward
Environment		
Operating	10–40°C, 8–80% humidity	
Storage	-20–60°C, 5–100% humidity	
Other features		
Regulatory approvals	CSA C22.2 #950, UL 1950 First Edition, CE Mark, FCC Class A, ICES-003 Class A, EN 55022 Class A, VCCI Class 1, TCO-92, ISO 9241 Part 3 and 8, MPR-3 (category-A), DIN ZH1/618, TUV/GS	CSA C22.2 #950, UL 1950 First Edition, CE Mark, FCC Class B, ICES-003 Class B, EN 55022 Class B, VCCI Class 2, ISO 9241 Part 3 and 8, MPR-3 (category-B), DIN ZH1/618, TUV/GSTBD, PC97/98
Limited warranty ⁵	3 years	