



MODELS AND SPECIFICATIONS

MODEL	BEIGE	BLACK	SCREEN SIZE	VIEWABLE AREA	DOT PITCH	HORIZONTAL FREQUENCY	OPTIMUM RESOLUTION	ON SCREEN MENU CONTROL	TRINITRON	TCO ¹	PLUG 'N PLAY	BUILT-IN SPEAKERS	BUILT-IN VIDEO CAMERA
Multigraph 449E	•		15"	13.46"	.28	30 – 62 kHz	1024 x 768 @ 76 Hz			•			
Multigraph 449X	•	•	15"	13.70"	.25	30 – 64 kHz	1024 x 768 @ 80 Hz	•	•	• ²	•		
Valuegraph 447L	•	•	17"	15.70"	.28	31 – 64 kHz	1024 x 768 @ 80 Hz					•	
Valuegraph 447W	•		17"	15.70"	.26	31 – 85 kHz	1280 x 1024 @ 79 Hz	•			•	•	
Multigraph 447X	•		17"	15.51"	.25	30 – 82 kHz	1280 x 1024 @ 76 Hz	•	•	•	•		
Multigraph 447Xi	•		17"	15.71"	.25	31 – 92 kHz	1280 x 1024 @ 85 Hz	•	•	• ³	•		
Multigraph 447Xav	•		17"	15.71"	.25	31 – 92 kHz	1280 x 1024 @ 85 Hz	•	•	• ³	•	•	
Multigraph 447Xavc	•		17"	15.71"	.25	31 – 92 kHz	1280 x 1024 @ 85 Hz	•	•	• ³	•	•	•
Multigraph 445X	•		21"	19.69"	.25	30 – 102 kHz	1600 x 1200 @ 80 Hz	•		•			
Multigraph 445Xi	•		21"	19.69"	.22/.16	30 – 102 kHz	1600 x 1200 @ 80 Hz	•		• ⁴	•		
Multigraph 445Xav	•		21"	19.69"	.22/.16	30 – 102 kHz	1600 x 1200 @ 80 Hz	•		• ³	•	•	
Multigraph 445Xavc	•		21"	19.69"	.22/.16	30 – 102 kHz	1600 x 1200 @ 80 Hz	•		• ³	•	•	•

¹All Nokia monitors are MPRII compliant. Unless otherwise noted all monitors are available with a MicroEmissions™ option which surpasses TCO standards.

²The 449X is available with MicroEmissions™ only. • ³TCO'95 compliant. • ⁴The 445Xi is available MPR-II or TCO'95 compliant.

RESOLUTIONS AND REFRESH RATES

MODEL	640 X 480	800 X 600	1024 X 768	1152 X 870	1280 X 1024	1600 X 1200
Multigraph 449E	100 Hz	95 Hz	76 Hz			
Multigraph 449X	120 Hz	100 Hz	80 Hz			
Valuegraph 447L	100 Hz	100 Hz	80 Hz			
Valuegraph 447W	100 Hz	100 Hz	100 Hz	90 Hz	79 Hz	
Multigraph 447X	110 Hz	110 Hz	100 Hz	90 Hz	76 Hz	65 Hz
Multigraph 447Xi	150 Hz	140 Hz	110 Hz	100 Hz	85 Hz	72 Hz
Multigraph 447Xav	150 Hz	140 Hz	110 Hz	100 Hz	85 Hz	72 Hz
Multigraph 447Xavc	150 Hz	140 Hz	110 Hz	100 Hz	85 Hz	72 Hz
Multigraph 445X	120 Hz	120 Hz	120 Hz	110 Hz	95 Hz	80 Hz
Multigraph 445Xi	150 Hz	150 Hz	120 Hz	110 Hz	95 Hz	80 Hz
Multigraph 445Xav	150 Hz	150 Hz	120 Hz	110 Hz	95 Hz	80 Hz
Multigraph 445Xavc	150 Hz	150 Hz	120 Hz	110 Hz	95 Hz	80 Hz

Specifications subject to change.

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T E C H D A T A • M O D E L S • S K U S

MODEL	SKU NUMBER	VIEWABLE	DOT PITCH	CRT	HORIZONTAL FREQUENCY	OPTIMUM REFRESH RATE	ON SCREEN MENU CONTROL	MPR-II	TCO'95	BUILT-IN PLUG 'N PLAY	BUILT-IN SPEAKERS	VIDEO CAMERA
15" 449Xa	475330	13.54"	.25 mm	Triton	30 - 65 KHz	1024 x 768 @ 80 Hz	•	•	•	•	•	•
17" 447L	475310	15.70"	.28 mm	Invar Mask	31 - 64 KHz	1024 x 768 @ 80 Hz		•			•	
447W	475317	15.70"	.26 mm	Invar Mask	31 - 85 KHz	1280 x 1024 @ 79 Hz	•	•		•	•	
447Xl	475319	15.71"	.25 mm	Triton	31 - 92 KHz	1280 x 1024 @ 85 Hz	•	•	•	•		
447Xov	475323	15.71"	.25 mm	Triton	31 - 92 KHz	1280 x 1024 @ 85 Hz	•	•	•	•	•	
447Xovc	475324	15.71"	.25 mm	Triton	31 - 92 KHz	1280 x 1024 @ 85 Hz	•	•	•	•	•	•
21" 445Xl	475326	19.69"	.22/.16 mm	Invar Mask	30 - 102 KHz	1600 x 1200 @ 80 Hz	•	•	•	•		
445Xov	475327	19.69"	.22/.16 mm	Invar Mask	30 - 102 KHz	1600 x 1200 @ 80 Hz	•	•	•	•	•	
445Xovc	475328	19.69"	.22/.16 mm	Invar Mask	30 - 102 KHz	1600 x 1200 @ 80 Hz	•	•	•	•	•	•

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