

EGC601対応解像度一覧表

When it is operating in 32bit per pixel mode. It varies, depending on image processing tasks.

Name	width and height	Standard	Timing	Frame rate(Hz)	Pixel clock(MHz)	出力信号形式	4 Panel 1 scan per panel	2 Panel 2 scan per panel	2 Panel 1 scan per panel	1 Panel 4 scan per panel	1 Panel 3 scan per panel	1 Panel 2 scan per panel	1 Panel 1 scan per panel
QVGA	320 x 240	VESA	normal	60	6.00	LVDS 1ch per panel	CMOS -> DVI	○	○	○	○	○	○
VGA	640 x 480	VESA	normal	60	23.75	LVDS 1ch per panel	CMOS -> DVI	○	○	○	○	○	○
SVGA	800 x 600	VESA	normal	60	38.25	LVDS 1ch per panel	CMOS -> DVI	○	○	○	○	○	○
XGA	1024 x 768	VESA	normal	60	63.50	LVDS 1ch per panel	CMOS -> DVI	○	○	○	○	○	○
Special #1	1280 x 360		normal	60	36.0	LVDS 1ch per panel	CMOS -> DVI	○	○	○	○	○	○
WXGA *1	1280 x 768	VESA	normal	60	79.50	LVDS 1ch per panel	CMOS -> DVI	○	○	○	○	○	○
WXGA *2	1280 x 800	VESA	normal	60	83.50	LVDS 1ch per panel	CMOS -> DVI	○	○	○	○	○	○
XGA+	1152 x 864		normal	60	81.75	LVDS 1ch per panel	CMOS -> DVI	○	○	○	○	○	○
MAC21 inch	1152 x 870		normal	60	82.25	LVDS 1ch per panel	CMOS -> DVI	○	○	○	○	○	○
Full wide XGA	1366 x 768	VESA	normal	60	84.75	LVDS 1ch per panel	CMOS -> DVI	○	○	○	○	○	○
Quad-VGA	1280 x 960	VESA	normal	60	101.25	LVDS 2ch per Panel	CMOS -> DVI	○	○	○	○	○	○
WXGA+	1440 x 900	VESA	normal	60	106.50	LVDS 2ch per Panel	CMOS -> DVI	○	○	○	○	○	○
SXGA	1280 x 1024	VESA	normal	60	109.00	LVDS 2ch per Panel	CMOS -> DVI	○	○	○	○	○	○
Special #2	1280 x 1080		normal	60	115.00	LVDS 2ch per Panel	CMOS -> DVI		○	○	○	○	○
SXGA+	1400 x 1050	VESA	normal	60	121.00	LVDS 2ch per Panel	CMOS -> DVI		○	○	○	○	○
WSXGA	1600 x 1024		normal	60	135.50	LVDS 2ch per Panel	CMOS -> DVI		○	○	○	○	○
WSXGA+	1680 x 1050	VESA	normal	60	146.25	LVDS 2ch per Panel	CMOS -> DVI		○	○	○	○	○
UXGA	1600 x 1200	VESA	normal	60	161.00	LVDS 2ch per panel	CMOS -> DVI		○	○	○	○	○
2K	2048 x 1080	VESA	normal	60	183.75	LVDS 2ch per Panel	Exceed TFP410 max pixel rate		○	○	○	○	○
2K	2048 x 1080	VESA	reduced blanking	60	147.00	LVDS 2ch per Panel	CMOS -> DVI		○	○	○	○	○
2K	2048 x 1080		normal	50	150.50	LVDS 2ch per Panel	CMOS -> DVI		○	○	○	○	○
2K	2048 x 1080		normal	48	144.25	LVDS 2ch per Panel	CMOS -> DVI		○	○	○	○	○
WUXGA	1920 x 1200	VESA	normal	60	193.25	LVDS 2ch per Panel	Exceed TFP410 max pixel rate		○	○	○	○	○
WUXGA	1920 x 1200	VESA	reduced blanking	60	154.00	LVDS 2ch per panel	CMOS -> DVI		○	○	○	○	○
WUXGA	1920 x 1200		normal	50	158.25	LVDS 2ch per Panel	CMOS -> DVI		○	○	○	○	○
QWXGA	2048 x 1152		normal	60	197.00	LVDS 2ch per Panel	Exceed TFP410 max pixel rate		○	○	○	○	○
QWXGA	2048 x 1152		reduced blanking	60	156.00	LVDS 2ch per Panel	CMOS -> DVI		○	○	○	○	○
QXGA	2048 x 1536	VESA	normal	60	267.25	LVDS 4ch per Panel	Exceed TFP410 max pixel rate		○	○	○	○	○
QXGA	2048 x 1536	VESA	reduced blanking	60	209.25	LVDS 4ch per Panel	Exceed TFP410 max pixel rate		○	○	○	○	○
QXGA	2048 x 1536		reduced blanking	40	138.00	LVDS 2ch per Panel	CMOS -> DVI	○	○	○	○	○	○
QSXGA	2560 x 2048		reduced blanking	24	135.00	LVDS 2ch per Panel	CMOS -> DVI	○	○	○	○	○	○
4K	4096 x 2160		reduced blanking	24	223.00	LVDS 4ch per Panel	Exceed TFP410 max pixel rate		○	○	○	○	○
4K	4096 x 2160		reduced blanking	15	139.00	LVDS 2ch per Panel	CMOS -> DVI	○	○	○	○	○	○
4K wide	4096 x 2304		reduced blanking	24	237.00	LVDS 4ch per Panel	Exceed TFP410 max pixel rate		○	○	○	○	○
4K wide	4096 x 2304		reduced blanking	15	148.00	LVDS 2ch per Panel	CMOS -> DVI		○	○	○	○	○
HD(720p)	1280 x 720	VESA	normal	60	74.50	LVDS 1ch per panel	CMOS -> DVI	○	○	○	○	○	○
FHD	1920 x 1080	VESA	normal	60	167.25	LVDS 2ch per Panel	Exceed TFP410 max pixel rate		○	○	○	○	○
FHD	1920 x 1080	VESA	reduced blanking	60	134.75	LVDS 2ch per panel	CMOS -> DVI	○	○	○	○	○	○
HD-(地デジ)	1440 x 1080		normal	60	129.00	LVDS 2ch per Panel	CMOS -> DVI	○	○	○	○	○	○
HD-(地デジ)	1440 x 1080		reduced blanking	60	106.50	LVDS 2ch per Panel	CMOS -> DVI	○	○	○	○	○	○
Special #1	1080 x 1920		normal	60	167.25	LVDS 2ch per Panel	Exceed TFP410 max pixel rate		○	○	○	○	○
Special #1	1080 x 1920		reduced blanking	60	134.75	LVDS 2ch per Panel	CMOS -> DVI	○	○	○	○	○	○
Special #2	1080 x 960		normal	60	85.50	LVDS 1ch per panel	CMOS -> DVI	○	○	○	○	○	○
Special #2	1080 x 960		reduced blanking	60	73.50	LVDS 1ch per panel	CMOS -> DVI	○	○	○	○	○	○
Special #3	960 x 1080		normal	60	86.00	LVDS 1ch per panel	CMOS -> DVI	○	○	○	○	○	○
Special #3	960 x 1080		reduced blanking	60	74.50	LVDS 1ch per panel	CMOS -> DVI	○	○	○	○	○	○