

Intel® Embedded Graphics Drivers Features		CPU+GPU	Embedded Intel® Architecture-based Chipsets/System Controllers											
		Use IEGD 10.4 Gold, which was validated on platforms using these graphics chipsets, system controllers and/or processors			Use 10.3.1 Gold, (v.1550) which was the last driver validated for these chipsets ¹									
		Intel® Atom™ Processor D400/500 N400/500	US15W/US15WP/US15WPT	945GSE	Q45/G41/G45	GM45/GL40/GS45	Q35	GME965/GLE960	Q965	910GMLE/915GME	915GV	945G		
Display Output	Internal LVDS	X	X	X		X	X		X		X			
	Internal HDMI with HDCP support				X	X								
	Internal TV-out			X							X			
	Internal VGA	X		X	X	X	X	X	X	X	X	X	X	
	Silicon Image sDVO devices: Sil 1362* and Sil 1364* (DVI)		X	X	X	X	X	X	X	X	X	X	X	
	Chrontel sDVO digital devices: CH7307* (DVI), CH7308* (LVDS), CH7315* (HDMI), CH7319* (DVI HDCP), CH7320* (DVI)		X	X	X	X	X	X	X	X	X	X	X	
	Chrontel sDVO analog devices: CH7317* (RGB VGA), CH7021/7022 (SCART/SDTV/HDTV YPrPb/RGB VGA)		X	X	X	X	X	X	X	X	X	X	X	
UEFI Video Driver	Normal boot	X	X		X	X								
	Fast boot	X	X			X								
	Intel® Boot Loader Development Kit (BLDK) for Linux* and Windows CE*	X	X											
VBIOS	Embedded VBIOS support	X	X	X	X	X	X	X	X	X	X	X	X	
	Display discovery and initialization	X	X	X	X	X	X	X	X	X	X	X	X	
	Full VESA mode support/VESA modes 115h and 118h support	X	X	X	X	X	X	X	X	X	X	X	X	
	POST to internal LVDS or DVO/sDVO	X	X	X	X	X	X	X	X	X	X	X	X	
	Full VGA modes support	X	X	X	X	X	X	X	X	X	X	X	X	
	EDID-less (non EDID compliant) display support	X	X	X	X	X	X	X	X	X	X	X	X	
OSs and APIs	Runtime operation API	X	X	X	X	X	X	X	X	X	X	X	X	
	Support for default VGA modes	X	X	X	X	X	X	X	X	X	X	X	X	
	Port driver software development kit (Windows and Linux)	X	X	X	X	X	X	X	X	X	X	X	X	
	Microsoft													
	Windows XP* (SP3), Windows XP Embedded* (SP3), Windows Embedded for Point of Service*	X	X	X	X	X	X	X	X	X	X	X	X	
	DirectDraw* (DirectX* 9.0c, DirectX 8.1, DirectX 3)	X	X	X	X	X	X	X	X	X	X	X	X	
	Direct3D* (DirectX 9.0c, DirectX 8.1)	X	X	X	X	X		X	X	X	X	X	X	
	DirectX Texture Compression (DXTC)	X	X	X	X	X	X	X	X	X	X	X	X	
	Microsoft DirectX Runtime API (DirectX 8.1 SDK samples in windowed and full-screen mode)	X	X	X	X	X	X	X	X	X	X	X	X	
	Japanese, Traditional Chinese, Korean	X	X	X	X	X	X	X	X	X	X	X	X	
	Windows Embedded CE* 6.0 R2	X	X	X	X	X	X	X	X	X	X	X	X	
	DirectDraw	X	X	X	X	X	X	X	X	X	X	X	X	
	Direct3D Mobile (excluding vertex processing emulation)	X	X	X				X	X	X	X	X	X	
	Vertical extended display support/rotation	X	X	X	X	X	X	X	X	X	X	X	X	
	Frame-Buffer Overlay Blending		X											
	OpenGL* 2.0, OpenGL ES 1.1, OpenGL ES 2.0		X											
	Linux													
	OpenGL* 2.0		X		X	X	X	X	X					
	OpenGL ES 1.1 and 2.0 support		X											
	OpenGL 1.4, OpenGL* 1.5	X	X	X	X	X	X	X	X	X	X	X	X	
	Frame-Buffer Overlay Blending		X											
Moblin 2.1 Linux* (kernel 2.6.31, X.server 1.6.1)		X												
Fedora* 10 (kernel 2.6.27, X.org 1.5)	X	X	X	X	X	X	X	X	X	X	X	X		
DOS* Support (IBM PC 2000* MS 6.22)	X	X	X	X	X	X	X	X	X	X	X	X		

¹ Future IEGD 10.3.x Hot Fix driver(s) will be released as necessary to resolve any critical software graphics defects. (edc.intel.com/Software/Downloads/IEGD)

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