

Intel® Open Source HD Graphics Programmers' Reference Manual (PRM)

Volume 15: Graphics PCI Registers

For the 2014-2015 Intel Atom™ Processors, Celeron™ Processors and Pentium™ Processors based on the "Cherry Trail/Braswell" Platform
(Cherryview/Braswell graphics)

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GFX PCI Registers

Address Space	Address	Symbol	Name
PCI: 0/2/0	00000h	DID	Device ID and Vendor ID
PCI: 0/2/0	00004h	PCICMD_STS	PCI Command and Status
PCI: 0/2/0	00008h	RID_CC	Revision ID and Class Code
PCI: 0/2/0	0000Ch	HDR_CC	Header Type
PCI: 0/2/0	0000Ch	GTTMMADR_LSB	Base Graphics Translation Table and Memory Mapped Range
PCI: 0/2/0	00014h	GTTMMADR_MSB	Base Graphics Translation Table Modification and Memory Mapped Range
PCI: 0/2/0	00018h	GMADR_LSB	Graphics Aperture Location Masks
PCI: 0/2/0	0001Ch	GMADR_MSB	Graphics Aperture Location
PCI: 0/2/0	00020h	IOBAR	I/O Base Address
PCI: 0/2/0	0002Ch	SSID_SID	Subsystem ID
PCI: 0/2/0	00034h	CAPPOINT	Pointer to linked list of Capabilities for device
PCI: 0/2/0	0003Ch	INTRLINE	Interrupt Line Routing
PCI: 0/2/0	00050h	GGC	GMCH Graphics Control Register
PCI: 0/2/0	0005Ch	BDSM	Base address of Data Stolen DRAM Memory
PCI: 0/2/0	00060h	MSAC	Size of the Graphics Memory Aperture
PCI: 0/2/0	00070h	BGSM	Base of the GTT table in Gfx Stolen Memory
PCI: 0/2/0	00090h	MSI_CAPID_MC	Message Signaled Interrupts Capability ID and Control Register
PCI: 0/2/0	00094h	MA	Message Address
PCI: 0/2/0	00098h	MD	Message Data
PCI: 0/2/0	000A4h	AFLC	Advanced Features, Length and Capabilities
PCI: 0/2/0	000A8h	AFCTLSTS	Advanced Features Control and Status
PCI: 0/2/0	000B0h	VCID	Vendor Capability ID
PCI: 0/2/0	000B4h	VC	Vendor Capabilities
PCI: 0/2/0	000C4h	FD	Functional Disable
PCI: 0/2/0	000D0h	PMCAPID	Power Management Capabilities and ID
PCI: 0/2/0	000D4h	PMCS	Power Management Control Status
PCI: 0/2/0	000E0h	SWSMISCI	Software System Management Interrupt and System Control Interrupt Event Source and Trigger
PCI: 0/2/0	000E4h	ASLE	System Display Event Register
PCI: 0/2/0	000FCh	ASLS	Advanced Configuration and Power Interface Source Language Storage