



Intel Eaglelake



LINK (<https://www.nexthardware.com/focus/processor-chipset/88/intel-eaglelake.htm>)

Dettagli del nuovo chipset della Intel

Intel lancerà sul mercato ufficialmente i nuovi chipset denominati Eaglelake il 2 giugno, un giorno prima del Computex 2008 di Taipei.

Di seguito le caratteristiche dei vari chipset con relative date di produzione.

	P45	P43	G45	G43	G41
Process Technology	65nm	65nm	65nm	65nm	65nm
Graphics Media Accelerator	-	-	GMA X4500HD	GMA X4500	GMA X4500
PCI Express Support	PCI Express 2.0	PCI Express 2.0	PCI Express 2.0	PCI Express 2.0	PCI Express 1.0
Maximum FSB Speed	1333 MHz	1333 MHz	1333 MHz	1333 MHz	1333 MHz
Maximum DDR4 Memory Speed	1333 MHz	1066 MHz	1333 MHz	1066 MHz	1066 MHz
FSB / DDR Tuning	yes	Limited	Limited	Limited	Limited

Memory Channels	2	2	2	2	2
DIMMs Per Memory Channel	2	2	2	1	1
Maximum No. Of DIMMs	4	4	4	2	2
ICH Support	ICH10 / ICH10R	ICH10 / ICH10R	ICH10 / ICH10R	ICH10 / ICH10R	ICH7
OpenGL Support	2.0	2.0	2.0	2.0	2.0
Intel Clear Video Technology	yes	yes	yes	no	yes
HD Post Processing Features	yes	yes	yes	no	yes

1. Produzione chipset Eaglelake

Periodi di produzione

Chipset GMCH	Revised A-2 Samples	A-3 Samples	A-2 Production	A-3 Production
P45, P43	WW 15 (Apr. 7-11)		WW 21 (May 19-23)	
G45, G43	WW 15 (Apr. 7-11)	WW 19-20 (May 5-16)	WW 21 (May 19-23)	WW 28 (July 7-11)
G41		Samples available in July-August, 2008 Official launch scheduled for Q4'08		
Q45, Q43	WW 15 (Apr. 7-11)	WW 18-19 (Apr. 28-May 9)		WW 25 (June 16-20)

Chipset ICH	A-0 Samples	A-0 Production	A-1 Samples	B-0 Samples	B-0 Production
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ICH10 Base	WW6 (Feb. 4-8)	WW 19 (May 5-9)			
ICH10R (RAID)	WW 6 (Feb. 4-8)	WW 19 (May 5-9)			
ICH10D	WW 48, 2007		WW 02 (Jan. 7-11)	WW 19-20 (May 5-16)	WW 25 (June 16-20)
ICH10DO	WW 48, 2007		WW 02 (Jan. 7-11)	WW 19-20 (May 5-16)	WW 25 (June 16-20)

2. La serie Intel GMA 4500

Intel GMA 4500 chipset con grafica integrata

Intel GMA X4500HD	Intel G45	- â€¢ Superior HD playback and quality -Intel ® Clear Video Technology : HD post processing for enhanced video quality -increased realism & performance - HDMI, DVI, DisplayPort, HDCP with dual independent display - â€¢ Vista Premium Eligible with DX10
Intel GMA X4500	Intel G43 Intel G41	- â€¢ Smooth, sharp HD playback - â€¢ Enhanced 3D core for casual gaming - HDMI, DVI, DisplayPort, HDCP with dual independent display - â€¢ Vista Premium Eligible with DX10
Intel GMA 4500	Intel Q45 Intel Q43	- â€¢ Smooth, sharp visuals - â€¢ Supports 2008 vPRO and SIPP - HDMI, DVI, DisplayPort, HDCP with dual independent display - â€¢ Vista* Business and Vista* Enterprise Eligible with DX10

Features	G45	G43	G41	Q45/Q43
Graphics Media Accelerator	GMAX4500HD	GMA X4500	GMA X4500	GMA 4500
MPEG2 Video Decode Acceleration	yes	yes	yes	no
VC1 Decode Acceleration	yes	no	no	yes
AVC Decode Acceleration	yes	no	no	yes

HD Security (PAVP/HDCP)	yes	yes	yes	yes
Display Interfaces	Display Port DVI Dual Independent Display	Display Port DVI Dual Independent Display	Display Port SDVO Dual Independent Display	Display Port SDVO Dual Independent Display
Hi-Def Resolutions	1080p, 1080i, 720p	1080p, 1080i, 720p	1080p, 1080i, 720p	1080p, 1080i, 720p
DirectX Support	DirectX 10	DirectX 10	DirectX 10	DirectX 10
Intel Clear Video Technology	yes	yes	yes	no
HD Post Processing Features	yes	yes	yes	no