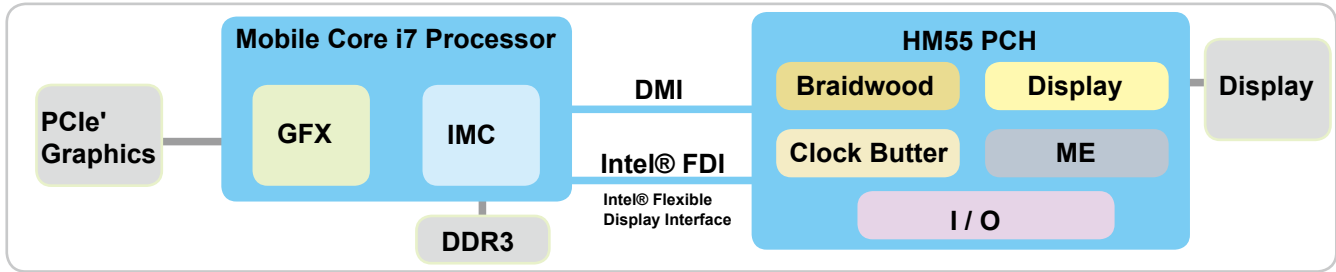


# Intel® HM55 chipset

Best graphic performance solution for Mobile Core™ i7 Platform



## Mobile Core i7 Embedded CPU List for QM57/ HM55

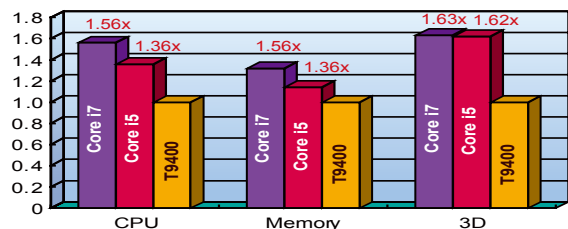
Package Type	Brand Name	Code Name	CPU No.	Clock Speed	L2	TDP	Chipset	iAMT6.0	Chipset			
Socket G	Core™ i7 Extreme Edition	Arrandale	PGA	i7-940XM	2.13G	8M	55W		QM57/HM55			
				i7-920XM	2.0G	8M	55W					
	Core™ i7			i7-840QM	1.86G	8M	45W					
				i7-820QM	1.73G	8M	45W					
				i7-740QM	1.73G	6M	45W					
				i7-720QM	1.6G	6M	45W					
				i7-620M	2.66G	4M	35W	V				
	Core™ i5			i5-540M	2.53G	3M	35W					
				i5-520M	2.4G	3M	35W	V				
				i5-450M	2.4G	3M	35W					
				i5-430M	2.26G	3M	35W					
	Core™ i3			i3-370M	2.4G	3M	35W					
				i3-350M	2.26G	3M	35W					
				i3-330M	2.13G	3M	35W					
	Celeron			P4500	1.86G	2M	35W					
	Core™ i7			Arrandale+ECC	BGA	i7-610E	2.53G	4M		35W	V	
						i7-640LM	2.13G	4M		25W		
						i7-620LM	2.0G	4M		25W		
						i7-620LE	2.0G	4M		25W	V	
						i7-660UM	1.33G	4M		18W		
						i7-640UM	1.2G	4M		18W		
						i7-620UM	1.06G	4M		18W		
						i7-620UE	1.06G	4M		18W	V	
						Core™ i5	i5-540M	2.53G		3M	35W	
							i5-520M	2.4G		3M	35W	V
							i5-520E	2.4G		3M	35W	V
							i5-430M	2.26G		3M	35W	
							i5-540UM	1.2G		3M	18W	
i5-520UM		1.06G	3M				18W					
Core™ i3		i5-430UM	1.2G			3M	18W					
	i3-330E	2.13G	3M	35W								
	i3-350M	2.26G	3M	35W								
	i3-330M	2.13G	3M	35W								
Celeron			i3-330UM	1.2G	3M	18W						
			P4505	1.86	2M	35W						

## CPU Performance comparison

Intel® Core™ i5 mobile CPU performance 1.56x, Graphic performance 1.6x fast compared with GM45/T9400

■ i7-620M 2.66G ■ i5-520M 2.4G ■ T9400 2.53G

Note: Intel® Core i7 Quad Core CPU not support internal Graphic, please use add-on graphic card for graphic support.



## Valued Core i7 Choice

Specification difference between QM57 and HM55

Ibex Peak-M Feature	QM57	HM55
PCI-Express	8 ports	6 ports
SATA	6 ports	4 ports
TDP	3.2~3.5W	3.2~3.5W
Intel Active Management Technology (Intel AMT)	6.0 (integrated KVM)	No
USB 2.0 Ports	14 ports	12 ports

HM55 Total solution coming soon!!

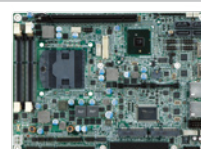
### KINO-HM551

Mini-ITX SBC, ATX, 6COM, HDMI/LVDS/VGA/DVI Dual GbE, PCIe x16, Dual PCIe mini



### NOVA-HM551

5.25" SBC, 12V, 6COM, Dual HDMI/LVDS/ VGA, Dual GbE, PCIe x16, PCI-104, Dual PCIe mini



### NANO-HM551

EPCI SBC, 12V, 5COM, HDMI/LVDS/ VGA Dual GbE

