

Intelの2005～06年デスクトップCPU機能比較

Brand	Pentium 4 Extreme Edition			Pentium Extreme Edition		?
Processor #				840	9xx?	xxx?
Codename	Northwood (Gallatin)		Prescott 2M	Smithfield	Presler	Conroe
Micro-architecture	NetBurst					?
# of Core	Single Core			Dual Core		
# of Thread	2			4		?
Hyper-Threading	Hyper-Threading					HT?
EM64T			EM64T			
VT					VT?	VT2?
EIST(SpeedStep)						?
XD Bit			XD Bit			?
Cache	2MB L3		2MB L2	1MBx2=2MB L2	2MBx2=4MB L2	4MB L2
FSB	FSB800	FSB1067		FSB800		?
Package	LGA775					LGA775?
Process Technology	130nm		90nm		65nm	
# of Die	1			1(2core&2FSB)	2	1

Brand	Pentium D		?	
Processor #	8xx	9xx	xxx?	
Codename	Smithfield	Presler	Conroe	
Micro-architecture	NetBurst		Conroe/Merom	
# of Core	Dual Core			
# of Thread	2		?	
Hyper-Threading			HT?	
EM64T	EM64T			
VT		VT	VT2?	
EIST(SpeedStep)		EIST(SpeedStep)	EIST?	
XD Bit	XD Bit			
Cache	1MBx2=2MB L2	2MBx2=4MB L2	2MB L2	4MB L2
FSB	FSB800		FSB1067?	
Package	LGA775		LGA775	
Process Technology	90nm	65nm		
# of Die	1(2core&2FSB)	2	1	

Brand	Pentium 4					
Processor #	5xx	5x1	6x0	6x2	6x3	631
Codename	Prescott		Prescott 2M		Cedar Mill	
Micro-architecture	NetBurst					
# of Core	Single Core					
# of Thread	2					
Hyper-Threading	Hyper-Threading					
EM64T		EM64T				
VT				VT		
EIST(SpeedStep)			EIST(SpeedStep)			
XD Bit		XD Bit				
Cache	1MB L2		2MB L2			
FSB	FSB800					
Package	LGA775					
Process Technology	90nm				65nm	
# of Die	1					

Brand	Celeron D			
Processor #	3xx	3xxJ	3x1/3x6	?
Codename	Prescott-V			Cedar Mill
Micro-architecture	NetBurst			
# of Core	Single Core			
# of Thread	1			
Hyper-Threading				
EM64T			EM64T	
VT				
EIST(SpeedStep)				
XD Bit		XD Bit		
Cache	256KB L2			512KB L2
FSB	FSB533			
Package	mPGA478	LGA775		
Process Technology	90nm			65nm
# of Die	1			