

# 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				Conroe/Merom
# of Core	Single Core		Dual Core		
# of Thread	2		4	2	
Hyper-Threading	Hyper-Threading				N/A
EM64T	N/A	EM64T			
VT	N/A			VT?	VT(VT2?)
EIST(SpeedStep)	N/A	N/A			?
XD Bit	N/A	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		2		
Hyper-Threading	N/A		N/A		
EM64T	EM64T				
VT	N/A	VT	VT(VT2?)		
EIST(SpeedStep)	N/A	EIST(SpeedStep)	EIST		
XD Bit	XD Bit		XD Bit		
Cache	1MBx2=2MB L2	2MBx2=4MB L2	2MB L2	4MB L2	
FSB	FSB800		FSB800/1067?		
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	N/A	EM64T				
VT	N/A			VT	N/A	
EIST(SpeedStep)	N/A		EIST(SpeedStep)			
XD Bit	N/A	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	N/A			
EM64T	N/A		EM64T	
VT	N/A			
EIST(SpeedStep)	N/A			
XD Bit	N/A	XD Bit		
Cache	256KB L2		512KB L2	
FSB	FSB533			
Package	mPGA478	LGA775		
Process Technology	90nm			65nm
# of Die	1			