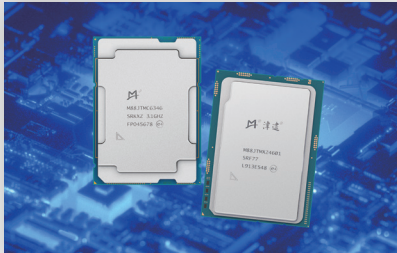# Montage Technology

Jintide® CPU Product Brief

Jintide® CPU is is an x86 architecture based CPU family with PrC (Pre-check) or DSC (Dynamic Security Check) functions for use in Jintide® or other general server platforms.

In addition to the consistent functions, performance and reliability with the international mainstream x86 processors, Jintide® CPU also realizes different levels of hardware security protection, thus providing a more secure and reliable server platform solution for cloud computing data centers.

Jintide® CPU Product List

Type	SKU	Part No.	Number of Cores/Threads	Base Frequency (GHz)	Cache (MB)	Memory Channels	Scalability	TDP (W)
Gen3 Jintide® CPU	C4310	M88JTMC4310	12/24	2.1	18	8	2S	120
	C4314	M88JTMC4314	16/32	2.4	24	8	2S	135
	C4316	M88JTMC4316	20/40	2.3	30	8	2S	150
	C5318Y	M88JTMC5318Y	24/48	2.1	36	8	2S	165
	C6326	M88JTMC6326	16/32	2.9	24	8	2S	185
	C6330	M88JTMC6330	28/56	2.0	42	8	2S	205
	C6342	M88JTMC6342	24/48	2.8	36	8	2S	230
	C6346	M88JTMC6346	16/32	3.1	36	8	2S	205
	C6348	M88JTMC6348	28/56	2.6	42	8	2S	235
Gen2 Jintide® CPU	C4215R	M88JTMC4215R	8/16	3.2	11	6	2S	130
	C5218R	M88JTMC5218R	20/40	2.1	27.5	6	2S	125
	C5220R	M88JTMC5220R	24/48	2.2	35.75	6	2S	150
	C6226R	M88JTMC6226R	16/32	2.9	22	6	2S	150
	C6230R	M88JTMC6230R	26/52	2.1	35.75	6	2S	150
	C6248R	M88JTMC6248R	24/48	3.0	35.75	6	2S	205
Gen1 Jintide® CPU (DSC)	X0810	M88JTMX08101	8/16	2.1	19.25	6	2S	145
	X1020	M88JTMX10201	10/20	2.2	19.25	6	2S	145
	X1230	M88JTMX12301	12/24	2.1	19.25	6	2S	150
	X1640	M88JTMX16401	16/32	2.1	22	6	2S, 4S	180
	X2460	M88JTMX24601	24/48	2.0	33	6	2S, 4S	205

Jintide® CPU Feature

- **Local brand, fast-response technical support**

  As a local vendor, Montage Technology has deep insight into local customer needs and is able to provide fast-response technical support for customers.

- **Robust performance that can rival the mainstream x86 CPUs**

  Designed based on Intel® Standard Xeon® processor core, Jintide® CPU demonstrates consistent features, performance and reliability with Xeon® processors.

- **PrC or DSC functions deliver hardware-level security for servers**

  The Jintide® CPU features PrC or DSC functions, which provide different levels of hardware security protection to enable more secure and reliable CPU operation.

- **Compatible with x86 ecosystem, easy to be deployed**

  Jintide® CPU is compatible with the mature x86 ecosystem and has excellent scalability, flexibility and usability, providing great convenience for the development and deployment of Jintide® CPU based servers.

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