

# Intel® 186 Processor Family Linecard

## Intel® 186 Standard Product Family

Product	Speed (MHz)	I/O Pins	Serial Ports	DMA Chan.	Pwr. Options	Chip Select	Voltage	Package	Temp.
80C186XL/188XL	25	0	No	2	PS	13	5.0V	A68, N68, R68, S80, SB80	C
80C186XL/188XL	12, 20	0	No	2	PS	13	5.0V	A68, N68, R68, S80, SB80†	C, E

† only available in commercial temperature

## Intel® 186 Enhanced Product Family

Product	Speed (MHz)	I/O Pins	Serial Ports	Static Design	System Management Mode	A20 Gate	Address Space	DMA Chan.	WDT	Clock Generator	Pwr. Options	Chip Select	Interrupt Control	DRAM Refresh	Input Levels	Voltage	Package	Temp.
80C186EA/188EA	25	0	No	Yes	No	No	1M	2	No	Yes	PS, PD, I	13	Yes	Yes	CMOS	5.0V	N68,S80, SB80	C
80C186EA/188EA	13, 20	0	No	Yes	No	No	1M	2	No	Yes	PS, PD, I	13	Yes	Yes	CMOS	5.0V	N68,S80, SB80	E
80L186EA/188EA	8,13	0	No	Yes	No	No	1M	2	No	Yes	PS, PD, I	13	Yes	Yes	CMOS	3.0V	N68,S80, SB80	E
80C186EB/188EB (1)	25	16	2	Yes	No	No	1M	0	No	Yes	PD, I	10	Yes	Yes	CMOS	5.0V	N84, S80, SB80	C
80C186EB/188EB	13, 20	16	2	Yes	No	No	1M	0	No	Yes	PD, I	10	Yes	Yes	CMOS	5.0V	N84, S80, SB80	E
80L186EB/188EB	16	16	2	Yes	No	No	1M	0	No	Yes	PD, I	10	Yes	Yes	CMOS	3.3V	N84, S80, SB80	C
80L186EB/188EB	8, 13	16	2	Yes	No	No	1M	0	No	Yes	PD, I	10	Yes	Yes	CMOS	3.0V	N84, S80, SB80	E
80C186EC/188EC	25	22	2	Yes	No	No	1M	4	Yes	Yes	PS, PD, I	10	Yes	Yes (8259A)	CMOS	5.0V	KU100, S100, SB100	C
80C186EC/188EC	13, 20	22	2	Yes	No	No	1M	4	Yes	Yes	PS, PD, I	10	Yes	Yes (8259A)	CMOS	5.0V	KU100, S100, SB100	E
80L186EC/188EC	16	22	2	Yes	No	No	1M	4	Yes	Yes	PS, PD, I	10	Yes	Yes (8259A)	CMOS	5.0V	KU100, S100, SB100	E
80L186EC/188EC	13	22	2	Yes	No	No	1M	4	Yes	Yes	PS, PD, I	10	Yes	Yes (8259A)	CMOS	3.0V	KU100, S100, SB100	E

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