

TRITON module features

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	LP	UCB	ETN	XXS	ECO	270
CPU	PXA255	PXA255	PXA255	PXA255	PXA255	PXA270
Speed: Standard	300 MHz	400 MHz	400 MHz	400 MHz	400 MHz	520 MHz
Speeds: Options *	200/400 MHz	200/300 MHz	200/300 MHz	200/300 MHz		312/416 MHz
SDRAM: Standard	16 MB, 16 bit	64 MB, 32 bit	64 MB, 32 bit	64 MB, 32 bit	16MB, 16 bit	64 MB, 32 bit
SDRAM: Options *	32 MB, 16 bit	32 MB, 16 bit	32 MB, 16 bit	32 MB, 16 bit		32 MB, 16 bit
Flash: Standard	16 MB, 16 bit	32 MB, 32 bit	32 MB, 32 bit	32 MB, 32 bit	8 MB, 16 bit	16MB, 16 bit
Flash: Options *	8 MB, 16 bit	16 MB, 32 bit	16 MB, 32 bit	16 MB, 32 bit		8 MB
Reset logic, I2C	Yes	Yes	Yes	No	Yes	Yes
JTAG	Yes	Yes	Yes	Yes	Yes	Yes
Serial interfaces	3 asynch, 1 synch.	3 asynch, 1 synch.	3 asynch, 1 synch.	3 asynch, 1 synch.	3 asynch, 1 synch.	3 asynch, 3 synch.
LCD controller	Yes	Yes	Yes	Yes	Yes	Yes
PC-Card / CF interface	Yes	Yes	Yes	Yes	Yes	Yes
I2S, AC97 interface	Yes	No	Yes	Yes	Yes	Yes
Single 3.3V power supply	Yes	Yes	Yes	Yes	Yes	Yes
Core voltage generation	Programmable	Fixed	Fixed	Programmable	Fixed	Programmable
RedBoot firmware	Yes	Yes	Yes	Yes	Yes	Yes
Ethernet	10 Mbps	No	100 Mbps	No	No	No
Silicon serial number	Yes	No	Yes	No	No	No
I2C RTC	Yes	No	No	No	No	internal
I2C Touch screen controller	option	No	No	No	No	No
UCB1400 codec / touchscreen	No	Yes	No	No	No	No
Temp range	-40 to +85 degC	0 to +70 degC	0 to +70 degC	0 to +70 degC	0 to +70 degC	0 to +70 degC
Extended Temp option	Std	Yes	Yes	Yes	No	No
Dimensions	67.6 x 36.6 x 7.3 mm	67.6 x 36.6 x 7.3 mm	67.6 x 36.6 x 7.3 mm	59 x 32 x 6.6 mm	67.6 x 36.6 x 7.3 mm	67.6 x 31 x 4.2 mm
Connectors	SAMTEC and DIMM144	DIMM144	SAMTEC and DIMM144	SAMTEC	DIMM144	DIMM200

Please see datasheets for full list of available options, some of which are not described above.

* minimum order qty 100

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