



**Product Data Brief / TNY-A9G20-C0X**

**Specification**

Processor	ATMEL AT91SAM9G20 @ 400MHz
Memory	256Mbytes NAND flash, 8 Bit wide
	64Mbytes SDRAM @ 133MHz, 32 Bit wide
	64Kbits serial SPI EEPROM
Setup / Debug	1x USB device & 1x serial port (DBGU or DaughterBoard)
Expansion	1x 50 pins connector (I2C, SPI, USART, SSC, MCI, ISI, TC)
	1x 60 pins connector (USB host, RMII, I2C, USART)
Bootloader	U-Boot
OS	Linux 2.6

**Mechanical and environmental**

Board size	41 x 36 mm
Power supply voltage	+5V +/-5%
Power requirement	250mA max
Temperature	0° to 70°C standard (operating), -40° to 85°C (storage)
Humidity	5% to 95% relative humidity, non condensing
Weight	8 grs

**Ordering Information**

Reference	Part Number	Description
TNY-A9G20-C0X	905-00012-A0X	256Mbytes NAND, 64Mbytes SDRAM, 64Kbits EEPROM, Full Option, 0 to 70°C

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