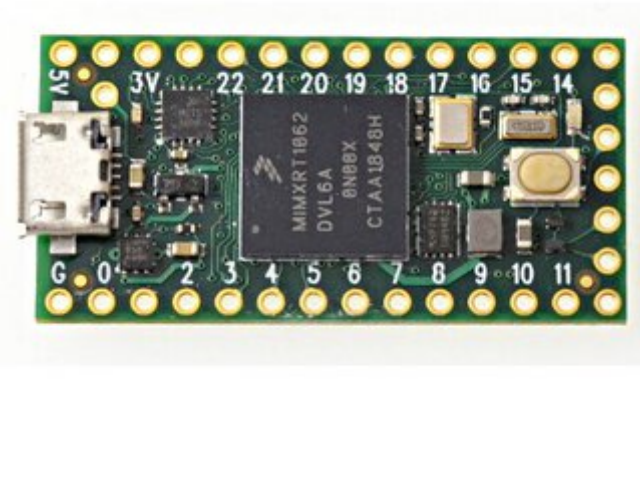# Teensy v4.0 USB Board - ARM Cortex-M7

Item number: 2018367

Teensy 4.0 is the latest Teensy, offering the fastest microcontroller and powerful peripherals in the Teensy 1.4 by 0.7 inch form factor.

Teensy 4.0 can be programmed using the Arduino IDE with Teensyduino add-on (https://www.pjrc.com/teensy/td_download.html).

All Teensy boards are shipped assembled and fully tested.

Category: ARM (ARM_1)

22,00 €
including 19% VAT. , plus shipping (Shipping-Information)

🚚 Available now!
Shipping time: 1 - 3 workdays

Description	Question on item	Product Tags

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Processor

Teensy 4.0 features an ARM Cortex-M7 processor at 600 MHz, with a NXP iMXRT1062 chip, the fastest microcontroller available today.

Features:

- ARM Cortex-M7 at 600 MHz
- 1024K RAM (512K is tightly coupled)
- 2048K Flash (64K reserved for recovery & EEPROM emulation)
- 2 USB ports, both 480 MBit/sec
- 3 CAN Bus (1 with CAN FD)
- 2 I2S Digital Audio
- 1 S/PDIF Digital Audio
- 1 SDIO (4 bit) native SD
- 3 SPI, all with 16 word FIFO
- 3 I2C, all with 4 byte FIFO
- 7 Serial, all with 4 byte FIFO
- 32 general purpose DMA channels
- 31 PWM pins
- 40 digital pins, all interrrupt capable
- 14 analog pins, 2 ADCs on chip
- Cryptographic Acceleration
- Random Number Generator
- RTC for date/time
- Programmable FlexIO
- Pixel Processing Pipeline
- Peripheral cross triggering
- Power On/Off management

Shipping weight:	0,02 Kg
Product weight:	0,02 Kg
Dimensions (length × width × height):	3,50 × 2,00 × 0,50 cm