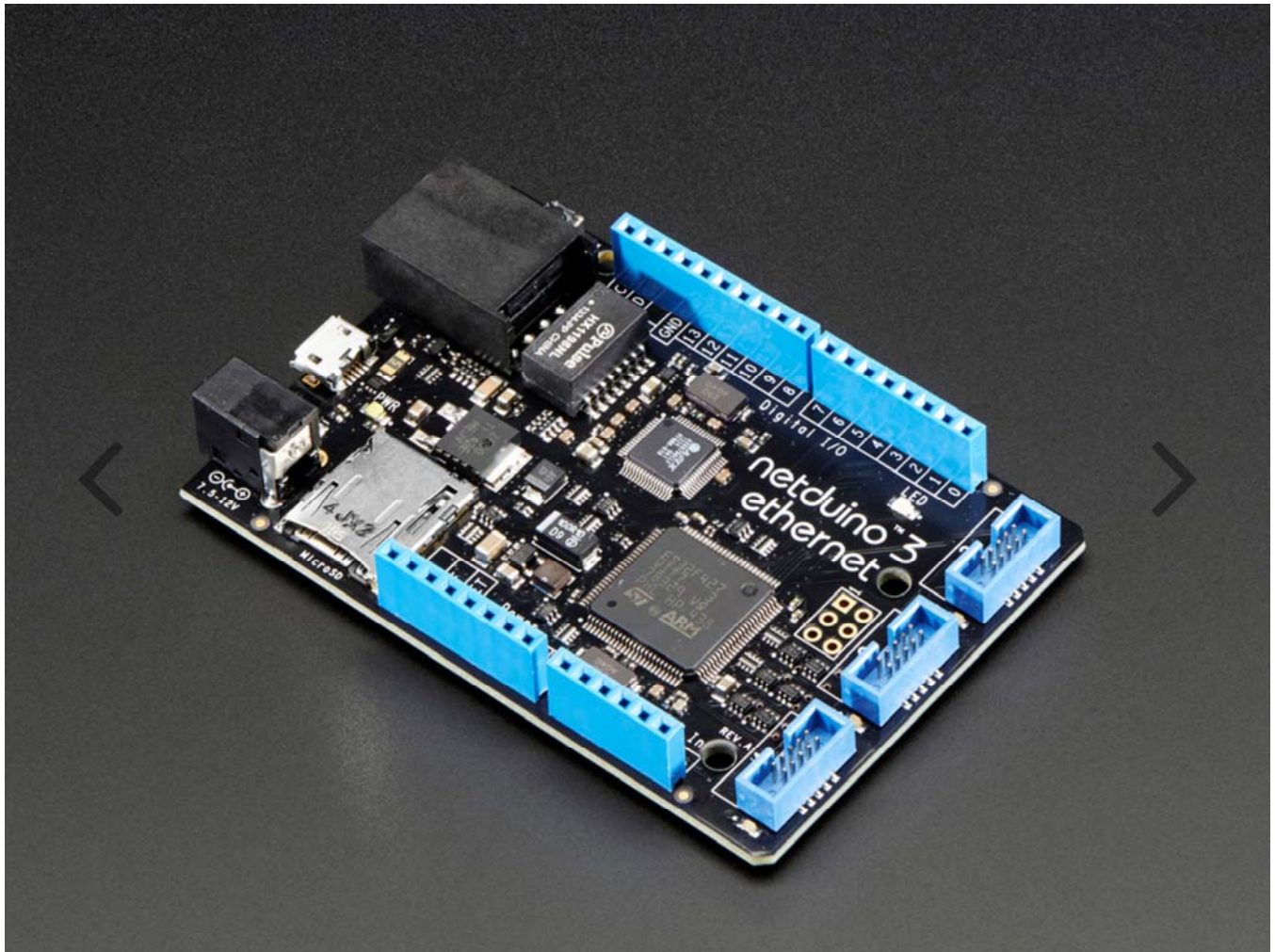


# NETduino 3 Ethernet

PRODUCT ID: 2683



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## DESCRIPTION

Netduino is an open source electronics platform using the .NET Micro Framework. Featuring a 32-bit microcontroller and a rich development environment, it is suitable for engineers and hobbyists alike. This combines the ease of high-level coding and the raw features of microcontrollers. Enjoy event-based programming, multi-threading, line-by-line debugging, breakpoints and more!

The Netduino 3 has the same 168 MHz (Cortex-M4) processor as the Netduino 2 but almost four times the code storage at 1408 KB and almost double the ram at 164+ KB. Check out the full specs here and more information about Netduino over at [netduino.com](http://netduino.com)

Netduino 3 Ethernet has all the hardware features of the Netduino 3, plus MicroSD storage capabilities and an Ethernet jack for fast integrated IP networking!

Features include:

- Works with most arduino shields (some require .net mf drivers)
- 1408 KB code storage
- 164+ KB RAM
- 6 ADC channels (12-bit)
- micro SD storage (up to 2gb)
- 3 gibus ports

In the bag:

- Netduino 3 Ethernet
  - Four sticky feet
  - 5 cm gibus cable
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# Technical Details

[STM32F427VI Datasheet](#)

[Netduino 3 Ethernet Schematics](#)

Operating Temperature: 0° – 70°C

Power:

Input: 7.5–12 VDC or USB powered

Output: 5 VDC and 3.3 VDC regulated

Max current: 25

[For product support, replacement parts and warranty for Netduino products, click here.](#)

Product Dimensions: 80.3mm x 53.3mm x 12.7mm / 3.2" x 2.1" x 0.5"

Product Weight: 27.0g/1.0oz