The product kit comes with:

- A fully tested and assembled LED backpack
- Ultra-bright 4-digit 0.56" tall white seven-segment display
- 4-pin header

A bit of soldering is required to attach the matrix onto the backpack but its very easy to do and only takes about 5 minutes.

Of course, in classic Adafruit fashion, we also have a detailed tutorial showing you how to solder, wire and control the display. We even wrote a very nice library for the backpacks so you can get running in under half an hour, displaying images on the matrix or numbers on the 7-segment. If you've been eyeing matrix displays but hesitated because of the complexity, his is the solution you've been looking for!

TECHNICAL DETAILS

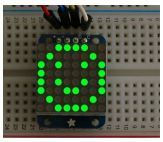
This board/chip uses I2C 7-bit address between 0x70-0x77, selectable with jumpers

- Backpack Dimensions: 27mm x 50mm x 4mm / 1.1" x 2" x 0.16"
- Backpack Weight: 5.3g
- 7-Segment Display Dimensions: 19mm x 50mm x 14mm / 0.75" x 2" x 0.56"
- 7-Segment Display Weight: 8.4g

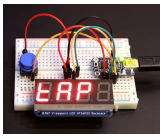
Datasheets, schematic, EagleCAD PCB files, and Fritzing available in the product tutorial

RoHS

LEARN

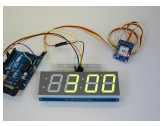


Adafruit LED Backpacks
Control small LED matrices with ease

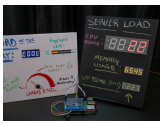


Tap Tempo Trinket
I got rhythm! I got music!

LED Backpack Displays on Raspberry Pi and BeagleBone Black
Use LED matrix, bar graph, and segment displays on your favorite small board computer.

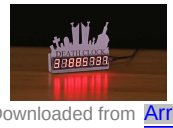


Arduino GPS Clock
Build your own clock that sets itself with an Arduino, LED display, and GPS receiver!



Raspberry Pi Physical Dashboard
Build a dashboard to visualize data on LED displays and automotive gauges!

Personalized NextBus ESP8266 Transit Clock
Spend more time chillin' and less time at the bus stop



Mindfulness Clock OF DOOM
A grim reminder that time is priceless

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CircuitPython Hardware: LED Backpacks & FeatherWings

How to use LED Backpacks & FeatherWings with CircuitPython!

Fidget Spinner Tachometer

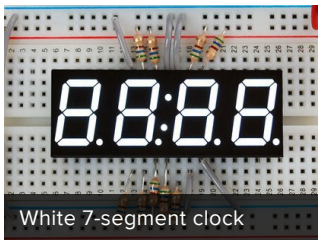
Measure the speed of a fidget spinner with Circuit Playground's light sensor!

Metro Minimalist Clock

What time is it? Metro Mini time! Build this stylish, minimalist clock.

MAY WE ALSO SUGGEST...

Adafruit 0.56" 4-Digit 7-

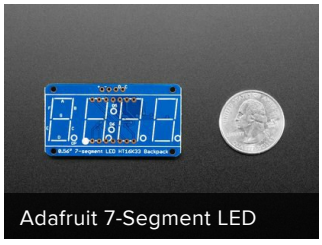


White 7-segment clock

Adafruit 0.56" 4-Digit 7-

Adafruit 0.56" 4-Digit 7-

Adafruit 0.56" 4-Digit 7-



Adafruit 7-Segment LED

Adafruit 16x8 LED Matrix

Adafruit 0.56" 4-Digit 7-

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"The art of progress is to preserve order amid change and to preserve change amid order" - Alfred North Whitehead

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