



PICO-8

A fantasy console for making, sharing and playing tiny games and other computer programs

SPECIFICATIONS

Display: 128x128, 16 colours Cartridge

Size: 32k

Sound: 4 channel chip blerps

Code: Lua

Sprites: 128 8x8 sprites

Map: 128x32 cels

Controls: D-pad + 2 buttons

CREATIVE TOOLS

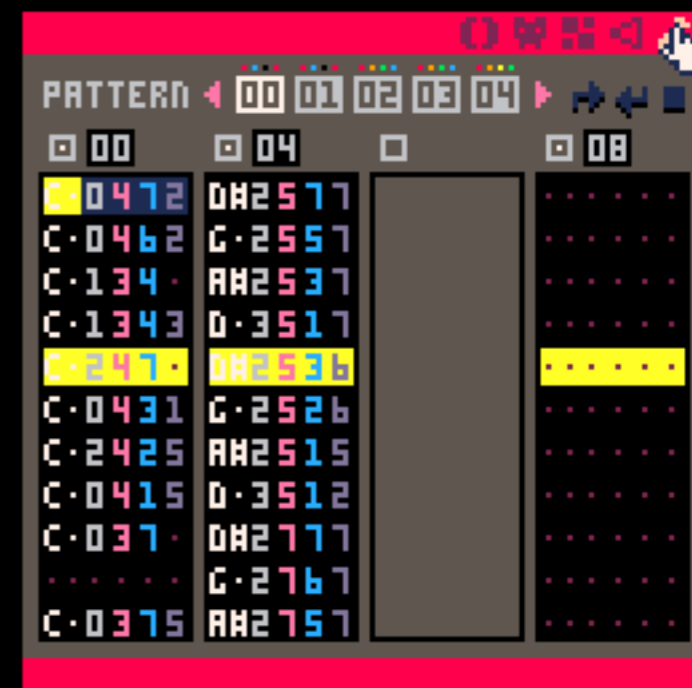
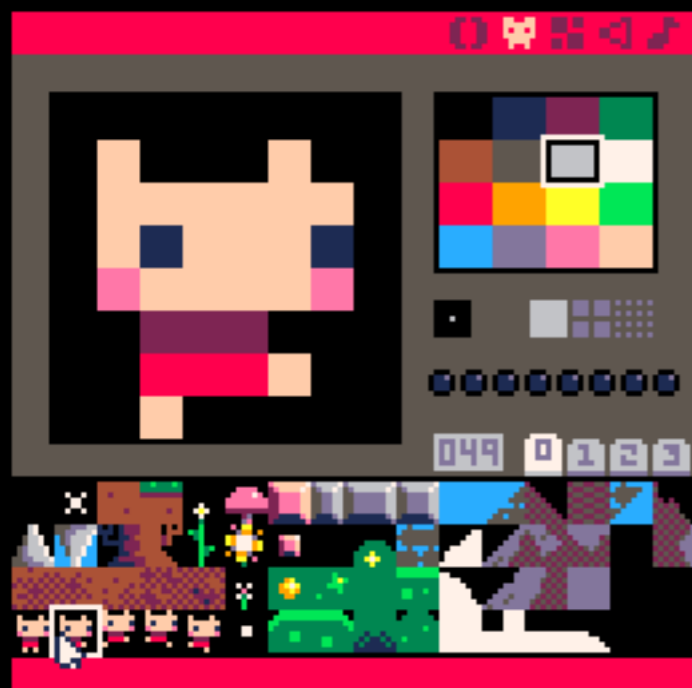
Code

Music

Sounds

Sprites

Maps



SHAREABLE CARTRIDGES

Special “.png” format

Web cart player

Stand-alone HTML

Binary exporters coming(?)

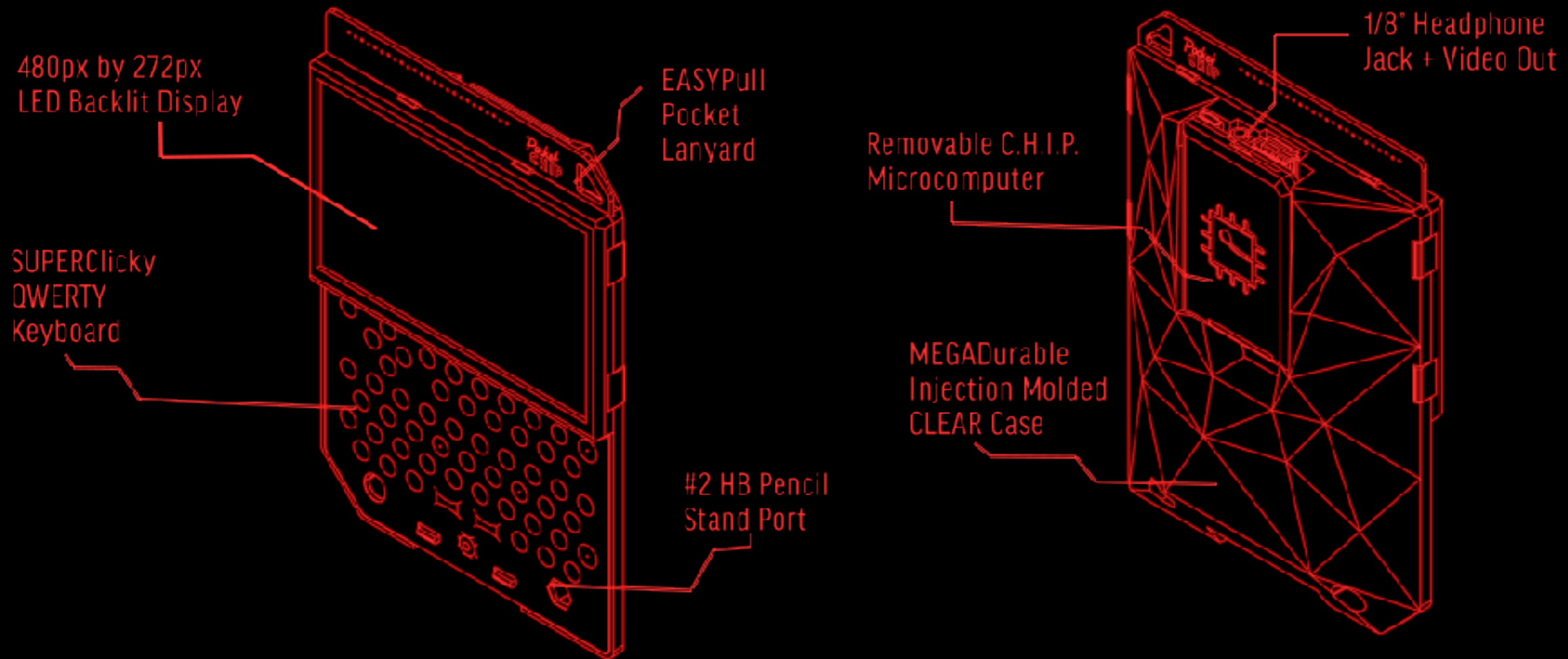
Pocket C.H.I.P



POCKETCHIP

ポケットチップ

SUPER HANDY FUN COMPUTER



1Ghz ARMv7 Processor | 512MB Ram | Mali 400 Gpu | WiFi | Bluetooth | 5hr Battery

NEXT THING CO. TECHNICAL FINDINGS



POCKET C.H.I.P



MANUAL

<https://www.lexaloffle.com/pico-8.php?page=manual>

MAKE A GAME!

TIP: YOU CAN OPEN CARTS IN A TEXT EDITOR!

Windows

C:/Users/Yourname/AppData/Roaming/pico-8/carts

MacOS

~/Library/Application Support/pico-8/carts

Linux

~/lexaloffle/pico-8/carts

notes

shooter.p8

```

42   b.y -= 4
43   end
44   end
45
46   function fire()
47     local b = {
48       sp = 3,
49       y = ship.y,
50       x = ship.x
51     }
52     add(bullets,b)
53     sfx(0)
54   end
55
56   function _draw()
57     cls()
58
59     spr(ship.sp, ship.x, ship.y)
60
61     if (enemy.a) do
62       spr(enemy.sp, enemy.x, enemy.y)
63     end
64
65     for b in all(bullets) do
66       spr(b.sp, b.x, b.y)
67     end
68   end
69   __gfx__

```



EXPLORE!

RESOURCES

Official site

<https://www.lexaloffle.com/pico-8.php>

Play carts online

<https://www.lexaloffle.com/bbs/?cat=7&sub=2&mode=carts>

List of PICO-8 resources, tutorials, tools and more

<https://github.com/felipebueno/awesome-PICO-8>

Twitter for inspiration

<https://twitter.com/hashtag/pico8?lang=en>

INSPIRATION / MORE

More fantasy consoles

<https://medium.com/@G05P3L/fantasy-console-wars-a-guide-to-the-biggest-players-in-retrogaming-newest-trend-56bbe948474d>

Diggin' in the carts

A documentary series about Japanese video game music

<http://daily.redbullmusicacademy.com/2014/10/diggin-in-the-carts-series>

Screenland - Exploring the Future of Video Games

<https://www.redbull.tv/show/AP-1MSW6FKJS1W11/screenland>

Indie Game: The Movie

<http://www.imdb.com/title/tt1942884/>



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