

# Cadetwriter - A Wheelwriter-based Computer Terminal

## What is it?

A printing computer terminal built from an IBM/Lexmark Wheelwriter 1000 typewriter.



## What can it do?

- Full/half duplex
- RS232 / USB
- RTS/CTS, RTR/CTS, XON/XOFF
- 7 or 8 data bits
- Odd/even/no parity
- 1 or 2 stop bits
- 50 - 921600 baud
- Prints up to 16cps
- 4 page print buffer

## How do I get one?

A build-it-yourself project.  
Assemble & install a custom  
Serial Interface Board.  
Complete instructions are available.  
Time: ~4 hours  
Cost: ~\$150 + typewriter

## Who created it?

The IBM 1620 Jr. team, a volunteer project of the Computer History Museum.



## ASCII character set

ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz  
0123456789 !"#\$%&'()\*+,-./:;<=>? @[\]^\_`{|}~

## Where can I get more information?

Visit our booth at VCF West, August 3 - 4, 2019, Computer History Museum.

Contact us at: [Cadetwriter@IBM1620.org](mailto:Cadetwriter@IBM1620.org)

All project material is available at: <https://github.com/IBM-1620/Cadetwriter>

Order the Serial Interface Board from: [https://oshpark.com/shared\\_projects/TIkAO4NE](https://oshpark.com/shared_projects/TIkAO4NE)