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
- 1800 – 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?

Contact us at: Cadetwriter@IBM1620.org

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

Discussion forums for those building & using Cadetwriter are at: https://cadetwriter.slack.com

Order the Serial Interface Board from: https://oshpark.com/shared_projects/TIkAO4NE

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