

3C-EXTERNAL M.2 SSD ENCLOSURES

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SUMMARY

To clone an internal M.2 SSD, you need to buy and attach the following to your computer:

- 1) a M.2 SSD drive

which inserts into

- 2) a M.2 SSD enclosure that can connect to an USB port on your computer

TOPICS

- M.2 SSDs
- SSD enclosures

M.2 SSDs

- M.2 is pronounced "M dot 2"
- "SSD" stands for "solid state drive"
- M.2 solid state drives are about the size and shape of a stick of chewing gum

M.2 SSDs (continued)

- Older computers use
SATA M.2 SSDs
(SATA = "Serial AT Attachment")
- Newer computers use
NVME M.2 SSD
(NVME = "Non-Volatile Memory
Express")

M.2 SSDs (continued)

- M.2 NVMe SSDs range in size from 500 Megabytes to 4 Terabytes
- At the 500 Megabyte size, you will experience the space limitations of a crowded closet !

M.2 SSDs (continued)

- One popular example of a 4 Terabyte NVMe M.2 SSD:
<https://www.amazon.com/Crucial-PCIe-NAND-NVMe-3500MB/dp/B0B25P44CL/>

M.2 SSDs ENCLOSURES

- To connect an M.2 SSD that is outside of a computer to a computer, you need an M.2 SSD enclosure that connects to one of the USB ports of the computer:

"LENTION" M.2 ENCLOSURE

- The low-cost Lention enclosure has no fan or cooling fins but, if you leave it open so that it does not overheat, you can insert a separately-purchased M.2 drive into it and use it as a clone target for Rescuezilla or Clonezilla:
Do not use it as a permanent USB drive !

"LENTION" M.2 ENCLOSURE (continued)

- On a warm day, you might have use a small electric fan to keep this enclosure from overheating:
<https://www.amazon.com/gp/product/B08GR2NJT2/>

"ANYOYO" M.2 ENCLOSURE

- The "ANYOYO" M.2 enclosure has a small fan and it can be used as a permanent M.2 enclosure after you insert a M.2 SSD:

<https://www.amazon.com/ANYOYO-Enclosure-10Gbps-Cooling-Support/dp/B0D1K85DLG/>

"INEO" M.2 ENCLOSURE

- The "Ineo" M.2 enclosure has a powerful fan and it can be used as a permanent M.2 enclosure after you insert a M.2 SSD

<https://www.amazon.com/gp/product/B0CMZJM6TH/>

"ACASIS" M.2 ENCLOSURE

- The "Acasis" enclosure also has a powerful fan and it can also be used as a permanent M.2 enclosure after you insert a M.2 SSD:

<https://www.amazon.com/gp/product/B0C8CZB5S7/>

"IDMEM" M.2 ENCLOSURE

- The "IDMEM" enclosure also has a powerful fan:

<https://www.amazon.com/dp/B0CZHJSM7P/>

