

Comparison chart of Atola tools

Specification subject to change without notice

Function / Forensic Function	Atola Insight USB	Atola Insight Ethernet	Atola Bandura	Atola Imager	Atola Forensic Imager
Communication / Connection					
Connected to PC with	USB 2.0	Ethernet	X	Ethernet	Ethernet
Stand alone operation with touch screen+ user interface	X	X	✓	X	X
Operation over local network	X	✓	X	✓	✓
General					
Source drive port 6)	1x SATA, 1xIDE	1x SATA, 1x IDE	1x SATA	1x SATA, 1x IDE	1x SATA, 1x IDE
Target drive port 6)	PC	1x SATA or to PC	1x SATA	1x SATA or to PC	1x SATA or to PC
Source HDD write protected	✓	✓	✓	✓	✓
Overload + short circuit protection	✓	✓	✓	✓	✓
File + folder copy, imaging / duplication					
Direct disk to disk imaging	X	✓	✓	✓	✓
Create HDD image file (on PC)	✓	✓	X	✓	✓
Data only imaging = copy only occupied sectors	✓	✓	✓	✓	✓
Copy selected partitions with data only + selected ranges	✓	✓	X	✓	✓
Works with damaged drives	✓	✓	✓	✓	✓
Multi pass imaging	✓	✓	✓	✓	✓
Copy by selected heads (WD, Seagate, IBM and Hitachi)	✓	✓	X	✓	✓
Reverse imaging	✓	✓	✓	✓	✓
Recover data from bad sectors	✓	✓	✓	✓	✓
Copy selected files/folders FAT16, FAT32, NTFS, EXT2/3/4 and HFS / HFS+	✓	✓	X	X	X
1:1 cloning with checksum 4)	✓	✓	✓	✓	✓
Soft + hard reset, power cycle	✓	✓	✓	✓	✓
Stop + resume imaging	✓	✓	✓ ³⁾	✓	✓
Imaging speed to target 1)	USB to PC	up to >115MB/s	up to >135MB/S	up to >115MB/s	up to >115MB/s
Theoretically possible speed	---	150MB/S (9GB/min)	265MB/S (16GB/min)	150MB/S (9GB/min)	150MB/S (9GB/min)
Data transfer speed to PC	38MB/s	85MB/s	X	85MB/s	85MB/s
Disk wipe / erase					
Zero-fill, DoD 5220.22-M, security erase, NIST 800-88, custom defined pattern	✓	✓	✓ ⁵⁾	X	✓
Theoretically possible speed	---	180MB/s (11GB/min)	280MB/s (17GB/min)	180MB/s (11GB/min)	180MB/s (11GB/min)
Special features					
Automatic diagnosis of hdd	✓	✓	✓	X	X
Disk Editor *) / Disk Viewer **)	✓ ^{*)}	✓ ^{*)}	X	X	✓ ^{**)}
Real time current monitor	✓	✓	X	X	X
Firmware repair 2)	✓	✓	X	X	X
Enable / Disable HPA + DCO	✓	✓	✓	X	X
Unlock HDD, password removal 2)	✓	✓	X	X	✓
Checksum calculation of HDD 4)	X	X	✓ ⁵⁾	X	X
Terminal for ATA-commands	✓	✓	X	X	X
Case management	✓	✓	X	X	✓
Logging on to USB stick	X	X	✓	X	X
Upgradable to	X	Is complete	Is complete	Forensic Imager, Insight Ethernet	Insight Ethernet

1) The data transfer speed depends on the speed of the hard disks (source and target)

2) For supported hard disks only – according to the list of supported drives: www.atola-europe.com

3) Report files can be stored on to a USB device connected to Atola Bandura

4) Checksum Calculation standards: MD5, SHA1, SHA224, SHA256, SHA384, SHA512

5) Possible for either target HDD alone or source + target HDD simultaneously (parallel)

6) Optional SATA to IDE adapters are available to connect IDE-HDD to a SATA port.