# FLOPPY & FORMATS

10.10.2016

| Manufacturer | DRIVE | CODE | RPM | TRACKs / INCH | KB (Bytes/1024) | TRACKs /Side (/T) | Cylin... | SI... / Head | DEs | DENSITY | BYTEs / SECTOR (/A) | SECTORs / TRACK (/N) | SECTORs (TI-99= -2) | REMARKs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TI SD Controller | 5.25" | FM | 300 | 48 | **90** | 40 | | 1 | SS | SD | 256 | 9 | 360 | |
| **TI SD Controller** | 5.25" | FM | 300 | 48 | **180** | 40 | | 2 | **DS** | **SD** | 256 | 9 | 720 | max capacity |
| TI-MOD80 | 5.25" | MFM | 300 | 96 | **180** | 80 | | 1 | SS | SD | 256 | 9 | 720 | |
| TI-MOD80 | 5.25" | MFM | 300 | 96 | **360** | **80** | | 2 | **DS** | **SD** | 256 | 9 | 1440 | |
| Atronic / CPS / SNUG | 5.25" | MFM | 300 | 48 | **360** | 40 | | 2 | **DS** | **DD** | 256 | 18 | 1440 | Jim Fetzner has an Atronic controller |
| **Corcomp CC-9900** | 5.25" | MFM | 300 | 48 | **360** | 40 | | 2 | **DS** | **DD** | 256 | 18 | 1440 | max capacity |
| Percom Data TX99 | 5.25" | MFM | 300 | 48 | **90** | 40 | | 1 | SS | SD | 256 | 9 | 360 | Sidecar Controller – Jim Fetzner has one |
| Percom Data TX99 | 5.25" | MFM | 300 | 48 | **180** | 40 | | 2 | **DS** | **SD** | 256 | 9 | 720 | |
| TI DD Controller | 5.25" | MFM | 300 | 48 | 160 | 40 | | 1 | SS | DD | 256 | 16 | 640 | not released-Jim Fetzner has two of these |
| TI DD Controller | 5.25" | MFM | 300 | 48 | 320 | 40 | | 2 | **DS** | **DD** | 256 | 16 | 1280 | |
| TI Hex-Bus Controller | 5.25" | MFM | 300 | 48 | 160 | 40 | | 1 | SS | DD | 256 | 16 | 640 | Jim Fetzner has one—and one hand-built by Michael Becker |
| TI Hex-Bus Controller | 5.25" | MFM | 300 | 48 | 320 | 40 | | 2 | **DS** | **DD** | 256 | 16 | 1280 | |
| HxC/HFE (V9T9) | *DSK* | *MFM* | *300* | *48* | **720** | 80 | | 2 | **DS** | **QD** | 256 | 18 | 2880 | supports *all* formats |
| NanoPEB Vx | *DSK* | *MFM* | *300* | *48* | **800** | 40 | | 2 | **SS** | **DD** | 512 | 20 | 1600 | 512 bytes/sector, but only 256 used |
| **MyArc** | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MyArc DDCC-1 | 5.25" | MFM | 300 | 48 | **90** | 40 | | 1 | SS | SD | 256 | 9 | 360 | |
| MyArc DDCC-1 | 5.25" | MFM | 300 | 48 | **180** | 40 | | 2 | DS | SD | 256 | 9 | 720 | |
| MyArc DDCC-1 | 5.25" | MFM | 300 | 48 | **320** | 40 | | 2 | DS | DD | 256 | 16 | 1280 | |
| MyArc DDCC-1 | 5.25" | MFM | 300 | 48 | **360** | **40** | | 2 | **DS** | **DD** | 256 | **18** | 1440 | |
| MyArc DDCC-1-80 | 5.25" | MFM | 300 | 96 | **640** | 80 | | 2 | DS | QD | 256 | 16 | 2560 | QD=80 tracks per side |
| MyArc DDCC-1-80 | 5.25" | MFM | 300 | 96 | **720** | 80 | | 2 | DS | QD | 256 | 18 | 2880 | |
| MyArc HFDC (all fmts) | 3.5" | FM | 300 | 48 | **90** | 40 | | 1 | SS | SD | 256 | 9 | 360 | 40 Track: 16ms & 8ms, max 360KB |
| MyArc HFDC | 3.5" | FM | 300 | 48 | **180** | 40 | | 2 | DS | SD | 256 | 9 | 720 | |
| MyArc HFDC | 3.5" | FM | 300 | 48 | **180** | 40 | | 1 | SS | DD | 256 | 18 | 720 | not readable in TI-standard controller (has 180KB by DS, not by DD |
| MyArc HFDC | 3.5" | FM | 300 | 96 | **360** | 80 | | 2 | DS | SD | 256 | 9 | 1440 | 80 Track: 2ms, max 720KB |
| MyArc HFDC | 3.5" | MFM | 300 | 48 | **320** | 40 | | 2 | DS | DD | 256 | 16 | 1280 | |
| MyArc HFDC | 3.5" | MFM | 300 | 48 | **360** | 40 | | 2 | DS | DD | 256 | 18 | 1440 | |
| MyArc HFDC | 5.25" | MFM | 300 | 96 | **640** | 80 | | 2 | DS | QD | 256 | 16 | 2560 | |
| MyArc HFDC | 3.5" | MFM | 300 | 48 | **360** | 40 | | 2 | DS | DD | 256 | 18 | 1440 | |
| MyArc HFDC | 5.25" | MFM | 300 | 96 | **640** | 80 | | 2 | DS | QD | 256 | 16 | 2560 | |
| MyArc HFDC | 3.5" | MFM | 300 | 96 | **720** | 80 | | 2 | DS | QD | 256 | 18 | 2880 | |
| MyArc HFDC-MOD80 | 3.5" | MFM | 360 | 96 | **1.440** | 80 | | 2 | DS | HD | 256 | 36 | 5760 | Requires the correct revision of the data separator and a Geneve 9 |
| MyArc HDC-AA-2015 | 3.5" | MFM | 360 | 96 | **720** | 80 | | 2 | DS | DD | 256 | 18 | 2880 | (seen on AtariAge http://atariage.com/forums/topic/233744-on-the-topic-of-a-new-controller-card-for-the-ti-994a/?p=3174450 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **TI - HDDs** | - | - | - | - | - | - | - | - | - | - | - | - | - |
| TI - HDDs | 5.25" | MFM / | RLL | | | | | | | | | | Myarc HFDC |
| TI - HDDs | 5.25" | SASI | | | | | | | | | | | Myarc Personality Card – Jim Fetzner has one |
| TI - HDDs | 5.25" | SCSI | -1 | | | | | | | | | | WHT SCSI/SNUG ASCSI |
| TI - HDDs | 5.25" | SCSI | -2 8bit | | | | | | | | | | WHT SCSI/SNUG ASCSI |
| TI - HDDs | 3.5" | IDE | | | | | | | | | | | Nouspikel IDE |
| **TI - MEDIA** | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SD/SDHC | - | - | - | | | | | | | | | | FlashROM´99 |
| CF | - | - | - | | | | | | | | | | NanoPEB/CF7+ |
| LAN/Browser | - | - | - | | | | | | | | | | ie Chess,eMail |
| HDX | - | - | - | | | | | | | | | | +RS-232 +PIO |
| USB | - | - | - | | | | | | | | | | PEB-card, Keyboard, SideCar... |
| **IBM-PC** | **8"** | - | - | - | - | - | - | - | - | - | - | - | - |
| IBM-PC | 8" | MFM / | 300 | 48 | **250** | 77 | | 1 | SS | SD | 128 | 26 | 2002 | https://en.wikipedia.org/wiki/List_of_floppy_disk_formats |
| IBM-PC | 8" | MFM / | 300 | 48 | **501** | 77 | | 2 | DS | SD | 128 | 26 | 4004 | |
| IBM-PC | 8" | MFM / | 300 | 48 | **616** | 77 | | 1 | SS | DD | 1.024 | 8 | 616 | |
| IBM-PC | 8" | MFM / | 300 | 48 | **1.232** | 77 | | 2 | DS | DD | 1.024 | 8 | 1232 | |
| **IBM-PC** | **5.25"** | - | - | - | - | - | - | - | - | - | - | - | - | - |
| IBM-PC | 5.25" | MFM / | 300 | 48 | **160** | 40 | | 1 | SS | DD | 512 | 8 | 320 | |
| IBM-PC | 5.25" | MFM / | 300 | 48 | **320** | 40 | | 2 | DS | DD | 512 | 8 | 640 | |
| IBM-PC | 5.25" | MFM / | 300 | 48 | **180** | 40 | | 1 | SS | DD | 512 | 9 | 360 | |
| IBM-PC | 5.25" | MFM / | 300 | 48 | **360** | 40 | | 2 | DS | DD | 512 | 9 | 720 | |
| IBM-PC | 5.25" | MFM / | 300 | 96 | **320** | 80 | | 1 | SS | QD | 512 | 8 | 640 | |
| IBM-PC | 5.25" | MFM / | 300 | 96 | **640** | 80 | | 2 | DS | QD | 512 | 8 | 1280 | |
| IBM-PC | 5.25" | MFM / | **360** | 96 | **1.200** | 80 | | 2 | DS | HD | 512 | 15 | 2400 | |
| **IBM-PC** | **3.5"** | - | - | - | - | - | - | - | - | - | - | - | - | - |
| IBM-PC | 3.5" | MFM / | 300 | 96 | **320** | 80 | | 1 | SS | DD | 512 | 8 | 640 | |
| IBM-PC | 3.5" | MFM / | 300 | 96 | **360** | 80 | | 1 | SS | DD | 512 | 9 | 720 | |
| IBM-PC | 3.5" | MFM / | 300 | 96 | **640** | 80 | | 2 | DS | DD | 512 | 8 | 1280 | |
| IBM-PC | 3.5" | MFM / | 300 | 96 | **720** | 80 | | 2 | DS | DD | 512 | 9 | 1440 | |
| IBM-PC | 3.5" | MFM / | 300 | 96 | **1.440** | 80 | | 2 | DS | HD | 512 | 18 | 2880 | |
| IBM-PC | 3.5" | MFM / | 300 | 96 | **1.680** | 80 | | 2 | DS | HD | 512 | 21 | 3360 | |
| IBM-PC | 3.5" | MFM / | 300 | 96 | **1.722** | 82 | | 2 | DS | HD | 512 | 21 | 3444 | |
| IBM-PC | 3.5" | MFM / | 300 | 96 | **2.880** | 80 | | 2 | DS | ED | 512 | 36 | 5760 | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Seagate 8 TB ST8000A | 3.5" | SATA3 | 5400 | 435k | 1.315.440.000 | 435.000 | #### | 12 | - | - | 4.096 | 63 | 328860000 | 8.589.934.592 Kbytes (12 heads/6 disks) |