



The HSmicroDDP25GbE with hot swappable SSDs and Power supply



Your ideal companion to transfer media from field activities & mobiles to another location

- * read and write bandwidth of 1.2 GB/s *
- * mirrored two-pack capacity up to 30 TB *
- * hot swappable power supplies and SAS SSDs *
- * weight and dimensions of 5Kg /11lbs and 25,5 cm/10" *
- * DDP software *
- * low noise and low power *
- * hand carry *

- * all M & E applications are supported *
- * Windowd, Mac and Linux *
- * easy to use DDP web interface *
- * ingest, transfer, edit and play out *
- * SSD packs can be removed to use in another micro *
- * all audio, video or frame formats are supported *
- * transfer speed during ingest up to 1.2 GB/s *

The DDP can be delivered with 0.96, 1.92, 3.84, 7.68, 15.36 or 30.72TB raid protected capacity mirrored. The front shows the two hot swappable SSDs each with two LEDs one for activity and one indicating failure, on/off switch, reset hole and led indications.

The LEDs show power on, SSD and LAN1/2 activities and alert and overheat information. The combination of colors with blinking speed results in ten different diagnostic / alert messages, directly visible on the front.



The rear shows the hot swappable power supplies, the eight 1GbE/RJ45 and two 10/25GbE/SFP28 ports, the raid card, IPMI and USB and VGA ports. Depending on the transceivers the optical ports are 10 or 25 Gb/s. The Kensington Security Lock makes it difficult to remove the DDP unexpectedly.

To give a feel of which formats can be used and what it means for ingest in hours per stream take a look at the table included. When using DNxHD220 for example the time per stream is 60 hours or 7 computers during 8 hours for 7.68TB capacity.

Video, Film or Audio Format Streams on Reading	Number of Streams	Hours per Streams with 7.68TB SSDs
4K, UHD, 3840x2160, 10 bit, 25 fr/s, 840 MB/s	1	2,4
2K, uncompressed, 10 bit, 2048x1556, 24 fr/s, 320 MB/s	2	6,4
4K, R3D, 40 MB/s	22	48
4K, Sony XAVC422, 10 bit, 30 MB/s	30	64
DNxHD220, 28 MB/s	32	64
ProRes HQ, 1080i60, 720p60, 1080p30, 28 MB/s	32	66
DNxHD185, 24 MB/s	38	76
ProRes HQ, 1080i50, 720p50, 1080p25, 24 MB/s	38	76
SD, uncompressed, 8 bit, 21 MB/s	45	95
DNxHD145, 18 MB/s	50	107

Video, Film or Audio Format Streams on Reading	Number of Streams	Hours per Streams with 7.68TB SSDs
HDCAM, 20 MB/s	45	107
ProRes, 1080i60, 720p60, 1080p30, 18 MB/s	50	107
ProRes LT, 1080i60, 720p60, 1080p30, 13 MB/s	70	150
ProRes LT, 1080i50, 720p50, 1080p25, 11 MB/s	80	175
AVC-intra100, DVCPROHD100, DV100, 12 MB/s	75	175
AVC-intra50, IMX50, AVCHD, DVCPRO50, 6 MB/s	150	325
DV25, XDCAM HD, XDCAM EX, IMX30, MPEG30, 4 MB/s	250	480
MPEG2, OffLineRT, 1 MB/s	900	1920
Audio, 24 bit, 48 KHz, 100 tracks, 15 MB/s	60	128
Audio, 24 bit, 96 KHz, 100 tracks, 30 MB/s	30	64

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