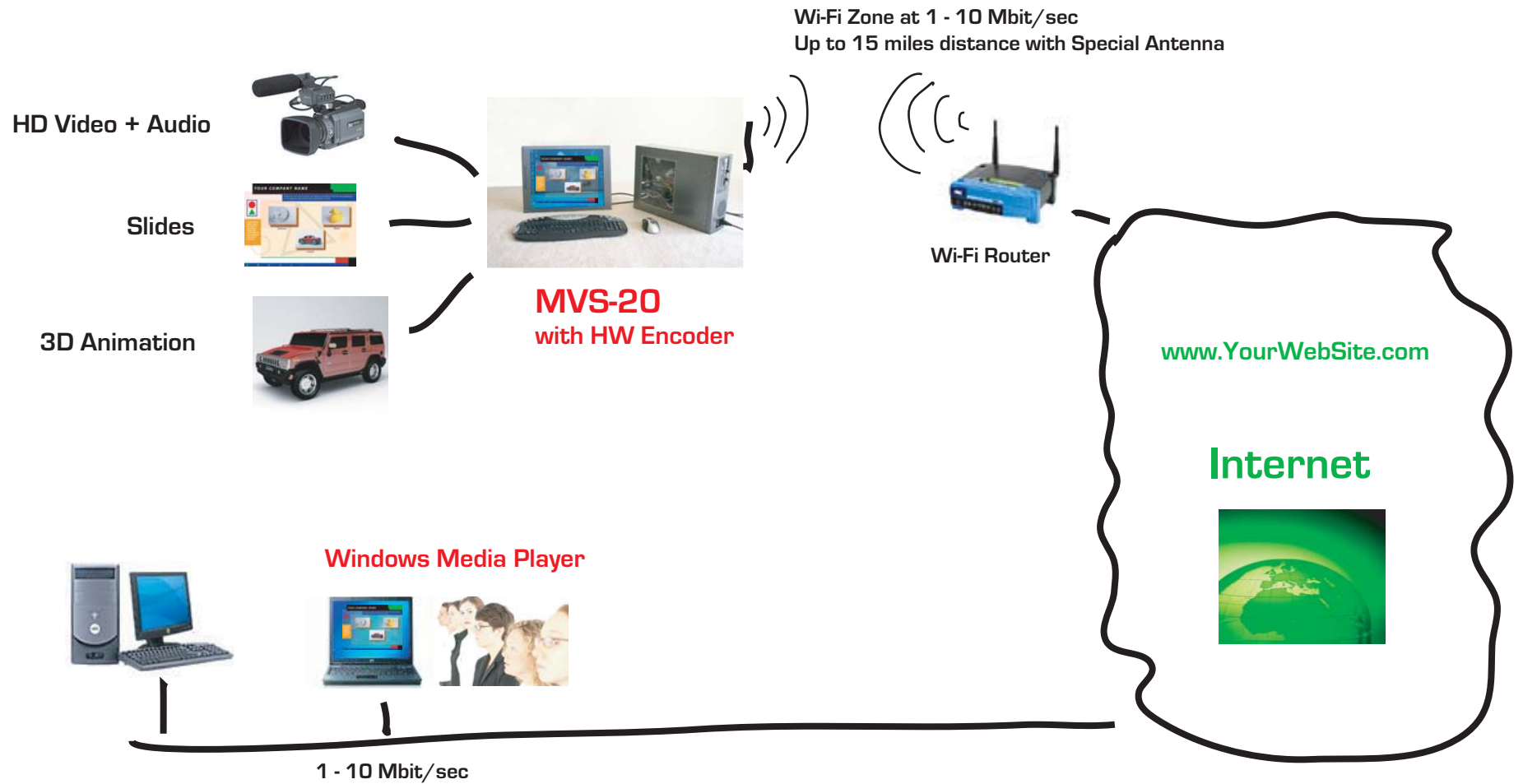


# LIVE Wireless Streaming of HD Video + 3D Animation



**Mobile Desktop Solutions**

Cupertino, California USA

[www.mobile-desktop.com](http://www.mobile-desktop.com)

Phone: (408) 725-7152

# Stream Your Creativity

Introducing *MVS-20*, the *portable, real-time, wireless* video/audio streaming solution that's not only ruggedized for the toughest jobs but also small enough to fit inside any carry-on so you can stay creative *everywhere*



*Attachable LCD for easy transport*

We bring *mobility* to creative works

## Typical Applications

- Live Wireless Streaming
- NTSC/PAL Video/Audio
- 3D Animation
- Video Editing
- DVD Authoring



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# Specifications

*Note: All systems are configured-to-order to meet your exact needs*

## Video Encoding Hardware

Tarari PCI-X Add-In-Card

## Processor Options

INTEL Xeon HT  
AMD Dual Core Athlon-64 X2  
AMD Dual Core Opteron-64

## Expansion Options

3 full-height PCI slots  
2 full-height PCI-X slots

## Memory Options

2 to 8 GBytes  
533/667 MHz DDR2

## Display Monitor

19" or 20" Samsung LCD  
Single or Dual LCDs  
VGA and DVI inputs  
1280 x 1024 or 1600 x 1200  
1000:1 or 700:1 contrast ratio  
260 or 300 cd/m2 brightness  
180/180 viewing angle  
85 or 75 Hz max vertical refresh  
25 or 16 msec response time

## Graphics Options

PCI-Express  
NVIDIA FX, PCX or Quadro  
ATI Radeon or FireGL  
Matrox

## Sound Options

Intel 6-channel audio  
CREATIVE Audigy  
Others

## I/O Interface

Four USB 2.0 ports  
One Serial and one Parallel port  
Two 1394a (400Mb/s) Firewire ports  
Optional 1393b (800Mb/s) card

## Hard Disk Options

Up to four SATA 3.5" drives  
One removable 3.5" drive  
Up to 2.0 Tera bytes total  
7200 or 10,000 rpm spin speed  
RAID 0,1,5,10

## Optical Disk Options

Up to two drives  
DVD +R/W, DVD -R/W, CD R/W  
16X DVD write (dual layers)  
42X CD write

## Networking Options

10/100/1000 Ethernet  
Wireless 802.11g Wi-Fi card

## Keyboard & Mouse

Wireless

## Power Supply

400 - 600W power supply  
90 - 132 VAC or 180 - 264 VAC

## Physical

Size: 18 " x 13.5" x 7.2"  
Weight: 30 lbs (with one LCD)

## OS Options

Windows  
Linux



## Mobile Desktop Solutions, Inc.

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# Comparison



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	Laptop	MVS-20	Comments
Weight	10 lbs	30 lbs	Only need 1 arm to carry a laptop Carry-on is great to transport 30lbs
HW Encoder	No	Yes	Real-time streaming requires special HW
Disk Space	100 GBytes	2,000 GBytes	Laptop disk space is not enough for video 2.0 Tera bytes can hold 400 DVD movies
LCD	Single 17"	Single or Dual 20"	One 17" screen is a pain for editing Dual 20" screen is 3X larger viewing area
CPU	1	1 - 4	Laptop CPU is limited by thermal power
Memory	0.5 - 2 GBytes	2 - 8 GBytes	Too little memory limits performance Large memory is a MUST for video work
3D + SDTV Streaming	No	Real-Time	SD Video is computational intensive
3D + SDTV Recording	No	Real-Time 2000 Hours	SD video compression at 2.0 Mb/sec by HW



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## MVS-20 DV Expo Price Special

	Basic	Professional	Platinum
Purchase Price 2-yr Leasing Price	\$8,999 \$339/month	\$9,999 \$459/month	\$11,499 \$529/month
Encoding Hardware	Tarari PCI-X Card	Tarari PCI-X Card	Tarari PCI-X Card
Hard Disk	600 GBytes RAID 0,1,5	900 GBytes RAID 0,1,5	1600 GBytes RAID 0,1,5
LCD	Single 19"	Single 20"	Dual 20"
CPU	3.0GHz Xeon	3.2GHz Xeon	3.4GHz Xeon Dual CPU
3D Graphics	PCI-Express 16X GeForce6 128MB	PCI-Express 16X Quadro 128MB	PCI-Express 16X Quadro 128MB
Memory	2 GBytes DDR 333MHz	4 GBytes DDR 333MHz	4 GBytes DDR 333MHz
Optical Disk	16X DVD R/W 42X CD R/W	16X DVD R/W 42X CD R/W	16X DVD R/W 42X CD R/W

Note: All systems are configured-to-order to meet your exact needs. Leasing is provided by third-party. Leasing rates shown are for customers with good credit.