



## Features:

- Create content on your PC and publish it to the Avelin via the Ethernet
- Content includes text, images, Adobe Flash, up to 4 regions of crawling text, and video
- Controlled remotely via bundled Composer software
- 3 Composite and 1 S-Video input for standard definition video pass through and switching
- High Definition 1080P display support for widescreen displays
- Higher performance dual core processor for playing back high quality encoded media

## Specifications

### I/O

<b>Video Outputs</b>	1 VGA, 1 DVI
<b>Video Inputs</b>	3 Composite, 1 S-Video
<b>Audio Inputs</b>	1 x 1/8" Stereo, 1 x 1/8" Mono
<b>Audio Outputs</b>	1 x 1/8" Stereo
<b>Other Ports</b>	10/100/1G Ethernet, 2 x Serial, 4 x USB, 2 x PS/2
<b>Video Modes</b>	<u>Standard (4:3):</u> 640x480, 800x600, 1024x768, 1280x1024 <u>Widescreen (16:9):</u> 848x480, 852x480, 1066x600, 1360x768, 1280x720 (720P), 1280x768, 1376x768, 1920x1080 (1080P)

### Content

<b>Text</b>	True type fonts supported
<b>Images</b>	JPG, JPG2000, PCD, TIFF, BMP, RLE, DIB, EPS, GIF, PNG, TGA, IMG, DXF, PCX, DCX, and WMF Clipart
<b>Motion</b>	Flash (SWF, FLV), MPEG (with optional Adtec MPEG Player), Analog Video Sources (DVD, VHS, etc.)
<b>Overlay Regions</b>	4 regions for customizable static or crawling text/graphics
<b>Transitions</b>	38 High-quality page/slide transitions
<b>Page Capacity</b>	10,000+ pages (35 GB)

### Recommended Flash Video Settings

<b>Data Rate</b>	4000 Kbps
<b>Frame Size</b>	1280 Width Max (maintain aspect ratio)
<b>Frame Rate</b>	Same as native video
<b>Min. Quality</b>	50%

### Composer Software

<b>OS Requirements</b>	Windows 2000/XP/Vista
<b>Publish Methods</b>	Ethernet, Serial, Modem, USB
<b>Models</b>	1080P, Professional

### Mechanical/Environmental

<b>Dimensions</b>	19"(W) x 16.5"(D) x 3.5"(H) (w/rack ears) 17"(W) x 16.5"(D) x 3.5"(H) (no rack ears)
<b>Form Factor</b>	2U Rack Mounted Case
<b>Power Draw</b>	0.62A (Max 0.75A), 74.4W (Max 90W)

### Optional Components

Adtec MPEG Player  
 Infra-Red VHS/DVD Control  
 Live Weather Display System  
 NOAA Weather data feed  
 News RSS Feeds: National, World, Business, Entertainment  
 Other RSS Feeds: Sports, Financial, Custom Stocks  
 E-Blast Remote Access software  
 EZ-Stream Database Integration software  
 Artwork Expansion packages  
 VGA over Cat5 Display optoin  
 USB removable media transfer option  
 Extended Warranty

### Packing List

Avelin Main System Unit  
 Control Keypad  
 Power Cord  
 Null Modem Serial Cable  
 Avelin Composer CD-ROM  
 Avelin Training DVD  
 2x 1/8" Audio Cable  
 User Manual  
 Warranty/Registration Card

## Rear Panel



1. DVI Output
2. VGA Output
3. 10/100/1G Ethernet Port
4. USB Port for Avelin Keypad
5. 1/8" Stereo Line Input (Line 1)
6. 1/8" Stereo Output
7. 1/8" Mono Line Input (Music Bed)
8. 4x1 Video Input Switcher
9. Serial Port 1
10. Serial Port 2
11. PS/2 Mouse (Used for Troubleshooting)
12. PS/2 Keyboard (Used for Troubleshooting)
13. *Future Expansion: 1/8" Stereo Line Input (Line 2)*

# Comparison Chart

Product	Video Outputs	Video Inputs	Max Resolutions	Audio Inputs	Content	Size	Page Capacity
<b>Aavelin (AV100)</b>	VGA, Composite, S-Video	None	4:3 – 800x600, 16:9 – 1066x600	2 x 1/8" Stereo 1 x 1/8" Mono	Text, Images, Shapes, Flash, crawl regions	19" x 16.5" x 3.5" or 17" x 16.5" x 3.5"	10,000+ (15GB)
<b>Aavelin RT (AV200)</b>	VGA, Composite, S-Video	3 x Composite, 1 x S-Video	4:3 – 800x600, 16:9 – 1066x600	2 x 1/8" Stereo 1 x 1/8" Mono	Text, Images, Shapes, Flash, Video pass through, crawl regions	19" x 16.5" x 3.5" or 17" x 16.5" x 3.5"	10,000+ (15GB)
<b>Aavelin HD (AV400)</b>	VGA	3 x Composite, 1 x S-Video	4:3 – 1280x1024 16:9 – 1376x768	1 x 1/8" Stereo 1 x 1/8" Mono	Text, Images, Shapes, Flash, Video pass through, crawl regions	19" x 16.5" x 3.5" or 17" x 16.5" x 3.5"	10,000+ (15GB)
<b>Aavelin HDP (AV400P)</b>	VGA	3 x Composite, 1 x S-Video	4:3 – 1280x1024 16:9 – 1376x768	1 x 1/8" Stereo 1 x 1/8" Mono	Text, Images, Shapes, Flash, Video pass through, crawl regions	19" x 16.5" x 3.5" or 17" x 16.5" x 3.5"	10,000+ (15GB)
<b>Aavelin 1080P (AV1080P)</b>	VGA, DVI	TBA	4:3 – 1280x1024 16:9 – 1920x1080	1 x 1/8" Stereo 1 x 1/8" Mono	Text, Images, Shapes, Flash, crawl regions	19" x 16.5" x 3.5" or 17" x 16.5" x 3.5"	10,000+ (15GB)
<b>SignMate (AV800)</b>	VGA, DVI	TBA	4:3 – 1280x1024 16:9 – 1376x768	1 x 1/8" Mono	Text, Images, Shapes, Flash, crawl regions	8.7" x 5.3" x 1.7"	10,000+ (15GB)
<b>VIP (VIP5)</b>	VGA	None	4:3 – 1024x768 16:9 – 1280x768	None	Text, Images, Shapes	6.75" x 5" x 1.5"	70-150 (64MB)
<b>VIP TV (VIP6)</b>	Composite	None	4:3 – 1024x768, 16:9 – 1066x600	None	Text, Images, Shapes	6.75" x 5" x 1.5"	100-150 (64MB)
<b>Memo (MEMO1)</b>	VGA, Composite, S-Video	None	4:3 – 800x600, 16:9 – 1066x600	None	Text, Images, static region	19" x 16.5" x 3.5" or 17" x 16.5" x 3.5"	10,000+ (15GB)

## Notes:

1. All units can be controlled remotely via Ethernet
2. Units with Flash capability include SWF and FLV using Flash Player 7
3. Crawl and Static Regions are horizontal lines at the top or bottom of the screen and can contain text and small graphics.