ADD AN HDMI, DVI, OR VGA PORT TO YOUR "WINDOWS.." OR "MACOS" COMPUTER

by Francis Chao
fchao2@yahoo.com

TuCSON COMPUTER SOCIETY  TMUG  APCUG
Web location for this presentation:
http://aztcs.org
Click on “Meeting Notes”
You can add an HDMI, DVI, or VGA port and a separate stand-alone monitor to a "Windows.." or "MacBook" laptop as a quick, low-cost workaround for a failed or broken laptop monitor.

You can add an HDMI, DVI, or VGA port to a Windows.. computer as a "workaround" when you have a failed HDMI, DVI, or VGA port in a Windows.. desktop computer.
TOPICS

• Reasons for adding an HDMI, DVI, or VGA port to a computer
• Adding an HDMI port to a computer using a USB port
• Adding a DVI port to a computer using a USB port
• Adding a VGA port to a computer using a USB port
REASONS FOR ADDING AN HDMI, VGA, OR DVI PORT TO A COMPUTER

• The monitor of a laptop broke and you do not wish to spend big bucks to get it replaced

• You wish to run a second or third monitor in addition to your current monitor

• The existing HDMI, VGA, or DVI port of your computer broke and you need an easy "workaround".
BASIC VIDEO-TO-USB 3/2 CHIP IS MADE BY "DISPLAYLINK"

• The "DisplayLink" company makes the "video-to-USB" chip that all manufacturers of HDMI/DVI/VGA-to-USB adapters use

• Do not buy the HDMI/DVI/VGA-to-USB adapters that use the obsolete "Magic Control Technology" company's chips that are no longer being manufactured.
Packaging

• 17 mm x 17 mm
"DISPLAYLINK" "INTEGRATED CIRCUIT" CHIP

BASIC VIDEO-TO-USB 3/2 CHIP IS MADE BY "DISPLAYLINK"

• The "DisplayLink" company develops and updates "DisplayLink" drivers for Windows., MacOS, and ..Linux.. computers and they provide them for you to download at https://www.displaylink.com/downloads with a clickable link for you to use at https://www.displaylink.com/downloads
BASIC VIDEO-TO-USB 3/2 CHIP IS MADE BY "DISPLAYLINK"

• The "automatic updaters" inside Windows.., MacOS, and ..Linux.. operating system do not automatically update "DisplayLink" drivers so you will have to manually update DisplayLink drivers at https://www.displaylink.com/downloads if you encounter problems with a video-to-USB adapter
ADDING AN HDMI PORT TO A COMPUTER USING A USB PORT

• See https://www.amazon.com/dp/B00O6G5ZGI/ref=psdc_3015403011_t2_B008CXFM64?th=1

by StarTech

402 customer reviews
292 answered questions

Price: $58.77 & FREE Shipping. Details

Get $50 off instantly: Pay $8.77 upon approval for the Amazon Rewards Visa Card.

prime | Try Fast, Free Shipping

Style: Standard

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<tr>
<th>4K</th>
<th>Dual HDMI</th>
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<tr>
<td>$76.19</td>
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<th>Dual Monitor w/ DVI</th>
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<table>
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<tr>
<th>Standard</th>
<th>w/ 1 Port Hub</th>
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<tr>
<td>$58.77</td>
<td>$57.55</td>
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ADDING AN HDMI PORT TO A COMPUTER USING A USB PORT

• There are 6 unique models of this "StarTech" device: Some models work for both "Windows.." and "MacOS" computers while some models only work for "Windows.." computers:
<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
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<tbody>
<tr>
<td>4K</td>
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<td>w/ 1 Port Hub</td>
<td>$57.55</td>
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ADDING A DVI PORT TO A COMPUTER USING A USB PORT

• See https://www.amazon.com/Plugable-Graphics-Multiple-2048x1152-1920x1080/dp/B00A2E1MQA/ref=sr_1_3?ie=UTF8&qid=1543324173&sr=8-3&keywords=DISPLAYLINK+%2B+DVI
Plugable USB 3.0 to VGA/DVI / HDMI Video Graphics Adapter for Multiple Monitors up to 2048x1152 / 1920x1080 (Supports Windows 10, 8.1, 7, XP) by Plugable

★ ★ ★ ★ ★ 1,035 customer reviews
| 332 answered questions

List Price: $84.99
Price: **$46.99** & FREE Shipping. Details
You Save: $38.00 (45%)

Get $50 off instantly: Pay $0.00 upon approval for the Amazon Rewards Visa Card.

**Prime | Try Fast, Free Shipping**

Capacity: **DVI/VGA/HDMI 2048x1152**

- Connect multiple additional monitors to your Windows laptop, desktop, or tablet (one adapter required per monitor)
- Plug-and-play USB 3.0 and USB 2.0 connectivity. Widest possible
Plugable USB 3.0 to VGA/DVI / HDMI Video Graphics Adapter for Multiple Monitors up to 2048x1152 / 1920x1080 (Supports Windows 10, 8.1, 7, XP)

by Plugable

⭐⭐⭐⭐⭐ 1,035 customer reviews

| 332 answered questions

List Price: $84.99

Price: $46.99 & FREE Shipping. Details
Windows 10/8.1/7/XP drivers available via Windows Update, download, or disk. Mac OS X and Linux not supported. Suggested for use with web/productivity software. Gaming not supported.
<table>
<thead>
<tr>
<th>Product Dimensions</th>
<th>2.5 x 1 x 0.5 inches</th>
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<tr>
<td>Item Weight</td>
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<tr>
<td>Shipping Weight</td>
<td>10.6 ounces (View shipping rates and policies)</td>
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<tr>
<td>Manufacturer</td>
<td>Plugable Technologies</td>
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<td>ASIN</td>
<td>B00A2E1MQA</td>
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<tr>
<td>Item model number</td>
<td>UGA-3000</td>
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<tr>
<td>Customer Reviews</td>
<td>🌟🌟🌟🌟🌟 1,035 customer reviews 4.5 out of 5 stars</td>
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<td>Best Sellers Rank</td>
<td>#17 in Computers &amp; Accessories &gt; Computer Accessories &gt; Computer Cable Adapters &gt; USB-to-VGA Adapters #830 in Industrial &amp; Scientific &gt; Industrial Electrical &gt; Wiring &amp; Connecting &gt; Cables &amp; Interconnects #1,195 in Electronics &gt; Accessories &amp; Supplies &gt; Cables</td>
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ADDING A VGA PORT TO A COMPUTER USING A USB PORT

• See
  https://www.amazon.com/dp/B00HNX1GDW/ref=sspa_dk_detail_2?pd_rd_i=B005G306I2&th=1
StarTech.com USB 3.0 to VGA External Video Card Multi Monitor Adapter for PC - External USB VGA Graphics Card - 1920x1200 / 1080p

by StarTech

614 customer reviews
148 answered questions

Amazon's Choice for "usb to vga mac"

Was: $74.28
Price: $63.82 & FREE Shipping. Details
You Save: $10.46 (14%)

Get $50 off instantly: Pay $13.82 upon approval for the Amazon Rewards Visa Card.

prime | Try Fast, Free Shipping

Size: USB 3.0

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<th>USB 3.0 w/ 1 Port Hub</th>
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<tr>
<td>$45.09</td>
<td>$58.01</td>
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</table>

- Connect a VGA monitor or projector through USB 3.0 for an external multi-monitor solution at resolutions up
USB 2.0
$41.56

USB 3.0
$63.82

USB 3.0 - Slim
$45.09

USB 3.0 w/ 1 Port Hub
$58.01