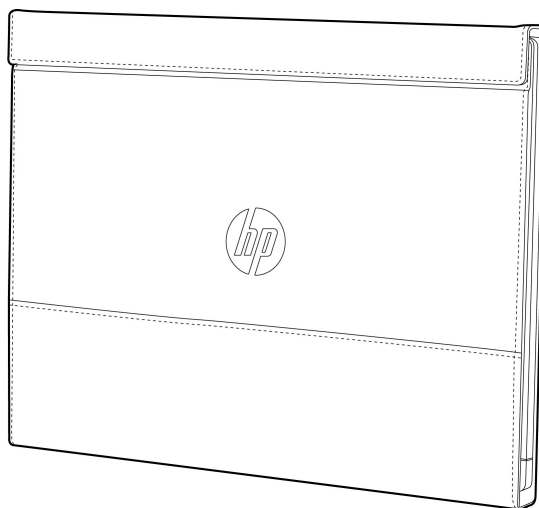
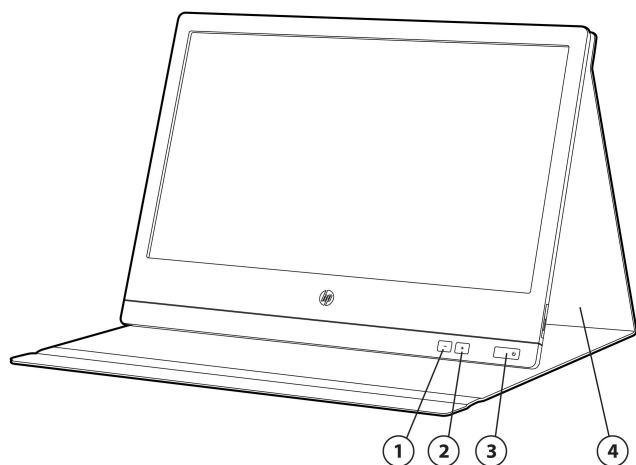
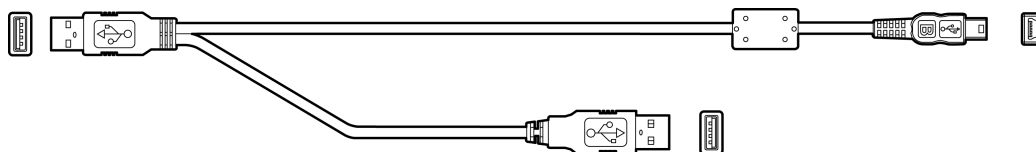


### Overview



**HP U160 shown closed in case/stand**

1. Minus "-" button
2. Plus "+" button
3. Power button
4. USB port
5. Case, converts to adjustable stand



**USB Y cable (included)**

### Models:

C4M77AA

D4T56AA

### Technical Specifications

<b>Panel</b>	<b>Type</b>	TN (Twisted Nematic) LED Backlit LCD
	<b>Viewable Image Area (diagonal)</b>	<b>39,62 cm</b> (15.6 in) widescreen; diagonally measured
	<b>Active Area (W x H)</b>	<b>34,42 x 19,35 cm</b> , (13.55 x 7.62 in)
	<b>Aspect Ratio</b>	16:9
	<b>Viewing Angle (typical)*</b>	Up to 90° horizontal/65° vertical (10:1 minimum contrast ratio)
	<b>Brightness (typical)*</b>	180 nits (cd/m <sup>2</sup> )
	<b>Static Contrast Ratio (typical)*</b>	500:1
	<b>Dynamic Contrast Ratio (typical)*</b>	N/A
	<b>Response Time (typical)*</b>	12 ms (G to G)
	<b>Pixel Pitch</b>	0.252 mm
	<b>Backlight Lamp Life (to half brightness)*</b>	15,000 hours
	<b>Color Gamut (typical)*</b>	60%
	<b>Color Support</b>	262,144 colors
	*All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.	
<b>On Screen Display (OSD) Controls</b>	<b>Buttons or Switches</b>	"-", "+", Power button
	<b>Languages</b>	N/A
	<b>User Controls</b>	N/A
<b>Signal Interface/ Performance</b>	<b>Horizontal Frequency</b>	47.712 kHz
	<b>Vertical Frequency</b>	60 Hz
	<b>Native Resolution</b>	1366 x 768 @ 60 Hz
	<b>Preset VESA Graphic Modes (non-interlaced)</b>	1366 x 768 @ 60 Hz
	<b>Text Mode</b>	N/A
	<b>Maximum Pixel Clock Speed</b>	76.4 MHz
	<b>User Programmable Modes</b>	No
	<b>Anti-Glare</b>	Yes
	<b>Default Color Temperature</b>	6500 K
	<b>Video/Other Inputs</b>	<b>Plug and Play</b>
<b>Input Connectors</b>		USB 2.0
<b>Video Cable</b>		One USB Y-cable
<b>Video Cable Lengths</b>		<b>1,5 m</b> (4.92 ft)
<b>Audio</b>		No

### Technical Specifications

<b>Power</b>	<b>Power Supply</b>	USB Supplied Power	
	<b>Typical Power Consumption</b>	5 W	
	<b>Maximum</b>	5 W	
	<b>Power Saving</b>	< 0.5 W	
	<b>Power Cable Length</b>	No power cable	
<b>Mechanical</b>	<b>Dimensions (W x D x H)</b>	<b>Unpacked w/cover</b>	<b>37,7 x 2,6 x 27,85 cm</b> , (14.84 x 1.02 x 10.96 in)
		<b>Unpacked w/o cover (head only)</b>	<b>37,5 x 1,45 x 27,13 cm</b> , (14.76 x 0.57 x 10.68 in)
		<b>Packaged</b>	<b>45,5 x 38 x 9,6 cm</b> , (17.91 x 14.96 x 3.78 in)
		<b>Base area (footprint)</b>	<b>38 x 35 cm</b> , (14.96 x 13.78 in)
	<b>Weight</b>	<b>Unpacked w/cover</b>	<b>1,54 kg</b> (3.39 lb)
		<b>Packaged</b>	<b>2,1 kg</b> (4.63 lb)
	<b>Tilt Range</b>	+15° to +45°	
	<b>Swivel Range</b>	No	
	<b>Height Adjustable</b>	No	
	<b>Pivot Rotation</b>	No	
<b>Environmental</b>	<b>Temperature – Operating</b>	<b>5° to 35° C</b> (41° to 95° F)	
	<b>Temperature – Non-operating</b>	<b>-20° to 60° C</b> (-4° to 140° F)	
	<b>Humidity – Operating</b>	20% to 80% non-condensing	
	<b>Humidity – Non-operating</b>	5% to 95%, 38.7° C max wet-bulb	
	<b>Altitude – Operating</b>	<b>+0 to 5,000 m</b> (16,404 ft)	
	<b>Altitude – Non-operating</b>	<b>0 to 12,192 m</b> (0 to 40,000 ft)	
	<b>LED Backlights</b>	Yes	
	<b>CCFL Panel</b>	No	
	<b>Arsenic-Free Display Glass<sup>3</sup></b>	Yes	
	<b>Low Halogen<sup>4</sup></b>	Yes	
<b>Mercury Free Display Backlighting</b>	Yes		
<b>Environmental Data</b>	<b>Eco-label Certifications and Declarations</b>	<p>This product has received or is in the process of being certified to the following approvals and may be labeled with one or more of these marks:</p> <ul style="list-style-type: none"> <li>● IT ECO declaration</li> <li>● US ENERGY STAR®</li> <li>● EPEAT® Silver where HP registers commercial desktop products. See <a href="http://www.epeat.net">http://www.epeat.net</a> for registration status in your country US Federal Energy Management Program (FEMP)</li> </ul>	

### Technical Specifications

#### Energy Consumption (in accordance with US Energy Star® test method)

	115VAC, 60Hz	230VAC, 50Hz	100VAC, 60Hz
Normal Operation	6.7 W	6.8 W	6.7 W
Sleep	0.07 W	0.08 W	0.07 W
Off	0.01 W	0.02 W	0.01 W

#### Heat Dissipation\*

	115VAC, 60Hz	230VAC, 50Hz	100VAC, 60Hz
Normal Operation	23 BTU/hr	23 BTU/hr	23 BTU/hr
Sleep	0.2 BTU/hr	0.3 BTU/hr	0.2 BTU/hr
Off	0.03 BTU/hr	0.06 BTU/hr	0.03 BTU/hr

\* Heat dissipation is calculated based on the measured watts, assuming the service level is attained for one hour.

#### Additional Information

- This product is in compliance with the Restrictions of Hazardous Substances (RoHS) directive - 2002/95/EC.
- This HP product is designed to comply with the Waste Electrical and Electronic Equipment (WEEE) Directive - 2002/96/EC.
- This product is in compliance with California Proposition 65 (State of California; Safe Drinking Water and Toxic Enforcement Act of 1986).
- This product is in compliance with the IEEE 1680 (EPEAT) standard at the Silver level, see [www.epeat.net](http://www.epeat.net).
- Plastics parts weighing over 25 grams used in the product are marked per ISO 11469 and ISO1043.
- This product contains 0% post-consumer recycled plastic (by wt.)
- This product is 96.8% recycle-able when properly disposed of at end of life.

#### Packaging Materials

<b>External:</b>	PAPER/Corrugated	383 g
<b>Internal:</b>	PLASTIC/EPS (Expanded Polystyrene)	90 g
	PLASTIC/Polyethylene high density	11 g

#### RoHS Compliance

Hewlett-Packard is committed to compliance with all applicable environmental laws and regulations, including the European Union Restriction of Hazardous Substances (RoHS) Directive. HP's goal is to exceed compliance obligations by meeting the requirements of the RoHS Directive on a worldwide basis. By July 1, 2006, RoHS substances will be virtually eliminated (virtually = to levels below legal limits) for all HP electronic products subject to the RoHS Directive, except where it is widely recognized that there is no technically feasible alternative (as indicated by an exemption under the EU RoHS Directive).

#### Material Usage

This product does not contain any of the following substances in excess of regulatory limits (refer to the HP General Specification for the Environment at: [http://www.hp.com/hpinfo/globalcitizenship/environment/supplychain/gen\\_specifications.html](http://www.hp.com/hpinfo/globalcitizenship/environment/supplychain/gen_specifications.html)):

- Asbestos
- Certain Azo Colorants

### Technical Specifications

- Certain Brominated Flame Retardants - may not be used as flame retardants in plastics
- Cadmium
- Chlorinated Hydrocarbons
- Chlorinated Paraffins
- Formaldehyde
- Halogenated Diphenyl Methanes
- Lead carbonates and sulfates
- Lead and Lead compounds
- Mercuric Oxide Batteries
- Nickel - finishes must not be used on the external surface designed to be frequently handled or carried by the user.
- Ozone Depleting Substances
- Polybrominated Biphenyls (PBBs)
- Polybrominated Biphenyl Ethers (PBBEs)
- Polybrominated Biphenyl Oxides (PBBOs)
- Polychlorinated Biphenyl (PCB)
- Polychlorinated Terphenyls (PCT)
- Polyvinyl Chloride (PVC) - except for wires and cables, and certain retail packaging has been voluntarily removed from most applications.
- Radioactive Substances
- Tributyl Tin (TBT), Triphenyl Tin (TPT), Tributyl Tin Oxide (TBTO)

#### Packaging

HP follows these guidelines to decrease the environmental impact of product packaging:

- Eliminate the use of heavy metals such as lead, chromium, mercury and cadmium in packaging materials.
- Eliminate the use of ozone-depleting substances (ODS) in packaging materials.
- Design packaging materials for ease of disassembly.
- Maximize the use of post-consumer recycled content materials in packaging materials.
- Use readily recyclable packaging materials such as paper and corrugated materials.
- Reduce size and weight of packages to improve transportation fuel efficiency.
- Plastic packaging materials are marked according to ISO 11469 and DIN 6120 standards.

**End-of-life Management and Recycling** Hewlett-Packard offers end-of-life HP product return and recycling programs in many geographic areas. To recycle your product, please go to:

<http://www.hp.com/go/reuse-recycle> or contact your nearest HP sales office. Products returned to HP will be recycled, recovered or disposed of in a responsible manner.

The EU WEEE directive (2002/95/EC) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly instructions) is posted on the Hewlett Packard web site at: <http://www.hp.com/go/recyclers>. These instructions may be used by recyclers and other WEEE treatment facilities as well as HP OEM customers who integrate and re-sell HP equipment.

#### Hewlett-Packard

For more information about HP's commitment to the environment:

### Technical Specifications

**Corporate Environmental Information**

Global Citizenship Report  
<http://www.hp.com/hpinfo/globalcitizenship/gcreport/index.html>  
Eco-label certifications  
<http://www.hp.com/hpinfo/globalcitizenship/environment/productdesign/ecolabels.html>  
ISO 14001 certificates:  
<http://www.hp.com/hpinfo/globalcitizenship/environment/operations/envmanagement.html>

**Options**  
(sold separately)

**None available**

**What's in the box?**

**Monitor and accessories** HP U160 15.6-inch LED Backlit Monitor; USB Y cable

**Documentation** Printed documentation and CD

**Featured Software** Driver on included CD

**Other**

**User Guide Languages** English, Bahasa Indonesia, S. Chinese, T. Chinese, French, German, Japanese, Korean, Brazilian Portuguese, Spanish (International)

**Warranty Languages** English, Bahasa Indonesia, S. Chinese, T. Chinese, French, German, Japanese, Korean, Brazilian Portuguese, Spanish (International)

**Color** Black

**VESA External Mounting** No

**Security Lock-Ready** No

**Certification and Compliance**

CB, CE, TUV-Bauart, FCC marking, CSA/C-UL/C-ETL Mark, ICES, Argentina S-Mark, Japan VCCI, CCC, China CEL, Taiwan BSMI, CECP, SEPA, C-Tick, Taiwan Green Mark, GOST 25861, HRN N NO.201, GOST R 50377-1992, GOST 25861, EEL certificate, IS 1121, SASO, SABS IEC 60950-1, NOM-019-SCFI-1998, KC Mark, KCC Mark, PSB mark, ISC mark, ENERGY STAR®, EPEAT® Silver<sup>2</sup>

**Operating System Support**

Windows 8 (32-bit)\*  
Windows 8 (64-bit)\*  
Windows 7 Professional (32-bit)  
Windows 7 Professional (64-bit)

**\*NOTE:** beginning with Driver 7.1.47104.0 Rev. A

**Compatibility and Exceptions**

- The U160 is compatible with the HP ElitePad with the Z2760 Atom processor.

**NOTE:** Please note the exceptions below.

- SIS graphics cards are not supported
- Matrox graphics cards are not supported
- NVidia SLI graphics cards in SLI mode are not supported
- ATI Crossfire graphics cards are not supported
- SLI graphics cards not in SLI mode are not supported
- Cannot support Multiple WDDM graphics drivers that are active at the same time
- Hosts with Intel 3600 or 4600 graphics engines are not supported
- The solution may not work if there are multiple graphics cards installed on the host PC.

**Service and Warranty**

Protected by HP, including a 3 year standard limited warranty (the case/stand is excluded from this warranty). Select HP Care Pack Services<sup>1</sup> to extend service contracts beyond the standard warranties.

### Technical Specifications

ENERGY STAR® is a US registered mark of the United States Environmental Protection Agency.

<sup>1</sup>Service levels and response times for HP Care Pack Services may vary depending on your geographic location. Service starts from date of hardware purchase. Restrictions and limitations apply. HP Care Pack Services extend service contracts beyond the standard warranties. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at [www.hp.com/go/lookuptool](http://www.hp.com/go/lookuptool). Additional HP Care Pack Services information by product is available at [www.hp.com/hps/carepack](http://www.hp.com/hps/carepack).

<sup>2</sup>EPEAT® Silver where HP registers commercial display products. See [www.epeat.net](http://www.epeat.net) for registration status in your country.

<sup>3</sup>Arsenic and its compounds were not detected using US EPA Test Methods 3052 & 3052/6010b by ICP or ICP-AES with a with a Method Detection Limit of 10 ppm.

<sup>4</sup>External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.

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