

# LiteOn LH-20A1P



<b>Main Specifications</b>	
Product Description	LiteOn LH-20A1P - DVD±RW (±R DL) / DVD-RAM drive - IDE
Device Type	DVD±RW (±R DL) / DVD-RAM drive
Enclosure Type	Internal
Enclosure Color	White
Interface	IDE
Dimensions (WxDxH)	5.8 in x 6.8 in x 1.7 in
Weight	2 lbs
Optical Storage	DVD±RW (±R DL) / DVD-RAM - 5.25" x 1/2H
Read Speed	48x (CD) / 16x (DVD)
Write Speed	48x (CD) / 20x (DVD±R) / 8x (DVD±R DL)
Rewrite Speed	32x (CD) / 6x (DVD-RW) / 8x (DVD+RW) / 12x (DVD-RAM)
Buffer Underrun Protection	SMART Burn
OS Required	Microsoft Windows 2000, Microsoft Windows XP
<b>General</b>	
Device Type	DVD±RW (±R DL) / DVD-RAM drive
Enclosure Type	Internal
Enclosure Color	White
Interface	IDE
Width	5.8 in
Depth	6.8 in
Height	1.7 in
Weight	2 lbs
<b>Optical Storage</b>	
Type	DVD±RW (±R DL) / DVD-RAM - 5.25" x 1/2H
Read Speed	48x (CD) / 16x (DVD)
Write Speed	48x (CD) / 20x (DVD±R) / 8x (DVD±R DL)
Rewrite Speed	32x (CD) / 6x (DVD-RW) / 8x (DVD+RW) / 12x (DVD-RAM)

Supported Recording Modes	Multisession, disk-at-once, track-at-once, packet writing, session-at-once
Supported CD Formats	CD Extra, CD-DA (audio), CD-I, CD-ROM XA, Photo CD, Video CD, CD-ROM, CD+G (Karaoke CD)
Supported Media Types	CD-ROM, CD-R, CD-RW, DVD-ROM, DVD-R, DVD-RAM, DVD-RW, DVD+RW, DVD+R, DVD+R DL, DVD-R DL
Media Load Type	Tray
Access Time	160 ms (DVD), 160 ms (CD)
Buffer Size	2 MB
Buffer Underrun Protection	SMART Burn
Features	Vibration Absorber System (VAS), SMART-X
Compliant Standards	Video CD
<b>Expansion / Connectivity</b>	
Interfaces	1 x IDE/ATAPI - 40 pin IDC
Compatible Bays	1 x front accessible - 5.25" x 1/2H
<b>Miscellaneous</b>	
MTBF	70,000 hour(s)
Package Type	Retail
<b>Software / System Requirements</b>	
OS Required	Microsoft Windows 2000, Microsoft Windows XP
System Requirements Details	Pentium 4 - 1.3 GHz - RAM 128 MB - HD 650 MB
<b>Environmental Parameters</b>	
Min Operating Temperature	41 °F
Max Operating Temperature	122 °F
Humidity Range Operating	15 - 80%
Sound Emission	75 dB