

## About the HP d220 Computer

PC system features	
Chassis description	Microtower
Operating systems included	Microsoft® Windows® XP Professional, Microsoft® Windows® XP Home, or Mandrake Linux
Processor type	Choice of Intel® Celeron® or Intel® Pentium® 4
Processor / CPU	<b>min:</b> 2.4 GHz, 128-KB L2 Cache, 400-MHz front side bus <b>max:</b> 2.8 GHz, 512-KB L2 Cache, 533-MHz front side bus
Cache description	512-KB L2 Advanced Transfer Cache on Intel® Pentium® 4 processors; Intel® Celeron® processors have 128-KB L2 Advanced Transfer Cache
Chipset	Intel® 845GV chipset
Memory description	<b>min:</b> 128 MB <b>max:</b> 2 GB
Memory upgrades	Expandable to 2.0-GB
Memory slots	2 DIMM slots
Hard drive, internal	<b>min:</b> 40 GB (5400 rpm) <b>max:</b> 80 GB (7200 rpm)
Hard disk controller	Ultra ATA/100
Optical drive	48X CD-ROM Drive or 48X Combo CD-RW/DVD-ROM Drive
Drive bays	2-3.5" internal, 2-5.25" and 1-3.5" external, 0 multibay
Internal audio	Integrated AC '97 audio
Mouse / pointing device	2-Button Scroll Mouse
I/O (input/output) ports	6 (2 front, 4 rear) USB, 1 serial, 1 parallel, 2 PS/2 ports, RJ-45 port
Keyboard	Basic Windows Keyboard

<b>Graphics</b>	
Graphics card(s) available	Intel® Extreme Graphics (Integrated with Intel 845GV Chipset) No optional graphics cards supported

<b>Communications features</b>	
Network / LAN characteristics	Integrated Broadcom BCM4401 10/100 Ethernet solution

<b>PC specifications</b>	
System dimensions, without keyboard (w x d x h)	7.1 x 15.4 x 14.0 in
Weight	Approximately 26.5 lbs
Keyboard dimensions (w x d x h)	18.11 x 6.69 x 1.34 in
Power	ATX Power Supply -- PFC/Non PCF with a 115v/230v line switch; Operating Voltage Range -- 90 to 132VAC, or 180 to 264VAC; Rated Voltage Range -- 100 to 127 VAC, or 200 to 240VAC; Rated Line Frequency -- 50 to 60 Hz; Maximum Rated Power -- 200Watt

<b>Service and support</b>	
Warranty	1-1-1 standard warranty -- 1 year onsite, next business day, 1 year parts and 1 year labor and includes free telephone support 24 x 7. Certain restrictions and exclusions apply.