

Re: Low end desktop for EE tasks?

Re: Low end desktop for EE tasks?

Source: <http://sci.tech-archive.net/Archive/sci.electronics.design/2007-09/msg05286.html>

- *From:* Jim Thompson <To-Email-Use-The-Envelope-Icon@xxxxxxxxxxxxxxxx>
 - *Date:* Thu, 27 Sep 2007 13:01:52 -0700
-

On Thu, 27 Sep 2007 19:28:44 GMT, "Ken Fowler" <ko6no@xxxxxxxx> wrote:

On 27-Sep-2007, John Larkin <jjlarkin@xx> wrote:

Path:

border1.nntp.dca.giganews.com!nntp.giganews.com!newsfeed00.sul.t-online.de!t-online.de!grolier!

From: John Larkin <jjlarkin@xx>

Newsgroups: sci.electronics.design

Subject: Re: Low end desktop for EE tasks?

Date: Thu, 27 Sep 2007 08:18:28 -0700

Organization: Posted via Supernews, <http://www.supernews.com>

Message-ID: <s3inf35mjt7qtvasg3qip6q9boond3817@xxxxxxx>

References: <[XSaKi.389\\$sw6.162@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:XSaKi.389$sw6.162@xxxxxxxxxxxxxxxxxxxxxxxx)>

<nklif3dovqqtvum39ch0t92c068vi1ftah@xxxxxxx>

<1190749374.807793.152750@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>

<[hdeKi.743\\$yc5.61@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:hdeKi.743$yc5.61@xxxxxxxxxxxxxxxxxxxxxxxx)>

<1190753293.220158.239800@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>

<sj3jf35neobqavvkqo898ahoe0ep2un8fd@xxxxxxx>

<46fa90e7.2508059829@xxxxxxxxxxxxxxxx>

<v1lmf393nv0oa7mr6do2s3erfb366menr2@xxxxxxx>

X-Newsreader: Forte Agent 1.91/32.564

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

X-Complaints-To: abuse@xxxxxxxx

Lines: 35

Bytes: 2776

Xref: number1.nntp.dca.giganews.com sci.electronics.design:844486

On Thu, 27 Sep 2007 00:10:02 -0700, Jeff Liebermann

<jeffl@xxxxxxx>

wrote:

nico@xxxxxxxx (Nico Coesel) hath wroth:

Re: Low end desktop for EE tasks?

That depends on your setup. I have a spare PC and daily backups. If my PC fails (which happened a few months ago) I fire up the spare PC and pull the projects I need from the backups. It takes less than half an hour to get up & running.

Maybe. Just one problem. It takes more than twice as much work to keep two machines in sync. Between Windows updates, application updates, software license issues, and minor configuration differences, the two machines are guaranteed to diverge. I own a fair number of functional machines. Among those that I use regularly, there are 2 desktops, 1 server, 2 laptops, and a PDA phone. I synchronize the address books, bookmarks, billing info, and several active projects between most of these machines. It works for me because I actively use all these machines at least once per day. If your backup machine is sitting around collecting dust, while waiting for a PC failure, methinks it will take more than a half hour to get it up to date and usable.

If my HP dies, I can grab a spare, identical machine from the storage cubicle, plug in a front-panel hot-plug RAID c: drive from the dead machine, and be back up in minutes. Most of that time will be spent under the table groveling with cables. If the OS dies and I can't boot, I can plug in a c: image drive, stored in a baggie, and mount the old c: as d: to get its files, or use my daily files-only d: backup drive and get most of what I need.

Only the paranoid survive.

John

Two weeks ago, I had the crash from hell on one of my home machines. It had halted a couple of

Re: Low end desktop for EE tasks?

times for no reason and I had the side cover off. Pressed the ON button and saw a puff of smoke from the Power Supply. Found burned up components in the supply. Replaced the supply but no startup. Voltages all OK, MB obviously bad. Bought a used replacement MB and installed. No drives attached and only the video card installed, MB starts up, finds Keyboard, and goes to Setup. Attached HDD and started up but BIOS doesn't detect HDD or CDR. Installed second hard drive which is detected OK. Diskette drive is detected so use Windows XP Startup diskette to boot. FDISK and Format new HDD OK. Prepare to re-install Windows. Have to install W98 first from CD to install XP upgrade. BIOS only detects one of the CD drives so Windows CD in. Drive won't read anything. Installed another CD Drive which is detected and get W98 installed. Then the usual re-installation process for OS and programs. Took about 10 days. Fortunately, no business loss here. I'm retired.

The moral is that at any time, a simple Power Supply failure can wipe out everything. I lost MB, HDD, CDR, DVD, and even USB Wireless Adapter. And yes, the power supply was not crap and had been working for seven years. Good Luck to All.

Ken Fowler

I had one of those where +5V went up to +12V... lots of curly smoke... killed HDD _and_ MB :-)

...Jim Thompson

--

James E.Thompson, P.E.	mens
Analog Innovations, Inc.	et
Analog/Mixed-Signal ASIC's and Discrete Systems	manus
Phoenix, Arizona Voice:(480)460-2350	
E-mail Address at Website Fax:(480)460-2142	Brass Rat
<http://www.analog-innovations.com>	1962

America: Land of the Free, Because of the Brave

.