

Hardware Requirements for ANX 3.0 Software ver 1.2

In order to use the ANX 3.0 software, researchers must have the appropriate hardware system as well as the hardware base on which the software will run. This system consists of a computer (Laptop or Desktop system) that meets the required specifications, one of the three supported physiological monitors – as well as the required cables, connectors, electrodes and other relevant accessories.

While the brand or specifics of the computer is of little consequence as long as the minimum specifications are met, the same can not be said of the physiological monitor as well as the cables and accessories required for it to interface with the rest of the system and the necessary medical connections to the patient/subject.

While we provide “minimum system hardware requirements,” we strongly suggest that researchers follow the “recommended hardware specs” for the computer portion of the system if at all possible. Obviously all desktop computers require standard peripherals for use (IE: a monitor, keyboard, mouse and printer cable if using a printer) Notebook/Laptops would only need the printer cable (again, only if using a printer).

Minimum System Hardware Requirements (computer portion):

- Processor:** 800mhz or faster Pentium compatible (Intel/AMD/other) CPU
- RAM:** 128MB RAM minimum
- Hard Drive:** Minimum 1 gigabyte free hard drive space
- Optical Drv:** CD or DVD Rom Drive
- Sound:** Basic soundcard/on board sound for alerts*
- Video:** Basic video/VGA adaptor capable of 1024x768 resolution
- Peripheral:** 1 USB** or serial port for physiologic monitor; with additional available USB or parallel port for printer.
- Printer:** Color printer (any kind) required for printing reports**
- Operating System:** Windows 2000 or Windows XP (all flavors).

* Software will work without sound, however - sound is helpful for alerts

** If USB port is used for physiologic monitor, USB to Serial adaptor is required.

Printer and free port to connect it to is only required for printing reports. If the printing of reports is not desired, then a printer is not required. SERIAL PORT PREFERRED.



Recommended Hardware Specs (computer portion):

- Processor:** 1Ghz or faster Pentium compatible (Intel/AMD/other) CPU
- RAM:** 256mb or more RAM (512mb or more preferred)
- Hard Drive:** 3 gigabytes or more free hard drive space*
- Optical Drv:** CD/DVD Rom/Burner
- Sound:** Basic soundcard/on board sound
- Video:** Basic video/VGA adaptor or better
- Peripheral:** 1 serial port for physiologic monitor (USB can be used), 1 free USB or parallel port for printer.
- Printer:** Color printer and appropriate cables to connect to PC
- Network:** Broadband internet connection may be helpful (if updates are released).
- Operating System:** Windows 2000 or Windows XP (all flavors).

*each report stored uses approx.550k. 1 gigabyte of storage stores approx. 1800 reports.

Required Hardware Specs (Physiologic Monitor Portion):

One of the following physiological monitors is required as well as the cable kit indicated for that monitor:		
Manufacturer*	Model	Cable Kit*
Zoe	Nightingale PPM 2	ANS-ZNP2-1
Ivy	Vitalguard 450 C	ANS-IV4C-1
Critikon	Dinamap Pro 1000	ANS-CDP1-1

- These cable kits are available through Ansar only. Each cable kit includes all cables necessary for the ANX 3.0 system (interface between monitor and computer, and between monitor and patient) as well as a starter pack of electrodes.
- Of the three monitors, Zoe is the preferred model.



Further recommendations

1. Though setting up the ANX 3.0 system is quite easy and mainly involves plugging in cables and installing software from a CD, we recommend that initial setup is handled by somebody who is comfortable using computers and has at least marginal windows system use experience.
2. For the best results and ease of use, we recommend that the PC used with the ANX 3.0 system be used only for ANS testing and possibly minor computational tasks (light word processing, downloading software/informational updates from our website if available, etc).
3. If you have further questions about the ANX 3.0, or its use – please check the research section of our website. Though it is still under construction, it will be primarily devoted to this project at: <http://www.ans-hrv.com/research.htm>. It will eventually provide both information for researchers who are prospective candidates, as well as a password protected section for researchers who are currently part of the project.
4. Please see the research area of the website as most of your questions can be answered there. If you need further assistance please contact our office support staff. Email is preferred, but you can call if you'd like.

Kevan Iffrig
Director of Research Programs
kevan@ans-hrv.com

Jeremy Williams
Director of Information Technology
jeremy@ans-hrv.com

240 South Eighth Street . Philadelphia, PA 19107 . (215) 922-6088 . (888) 883-7804 . fax (215) 922-6463