

HEAT KILLS COMPUTERS

YOU'RE SOLDIERING IN THE DESERTS OF SOUTHWEST ASIA, WHERE TEMPERATURES TOP 120°F...

... AND THE BRUTAL HEAT TAKES ITS TOLL ON MAN, BEAST-AND COMPUTER.

THIS WASN'T IN THE TRAVEL BROCHURE.

COMBINE THOSE HIGH TEMPS WITH POWDERY DESERT SAND THAT SNEAKS INTO EVERY NOOK AND CRANNY OF YOUR COMPUTER.

SOON, IT'S **CHOKED** WITH SAND AND **GASPING** FOR AIR.

SKOFF SKOFF

I DO NOT GET PAID ENOUGH!

IT'S BECOME A PRIME CANDIDATE FOR **OVERHEATING**.

SOME ICED TEA WOULD BE NICE!

AN OVERHEATED COMPUTER MAY LOCK UP OR LOSE DATA.

N-O-O-O!

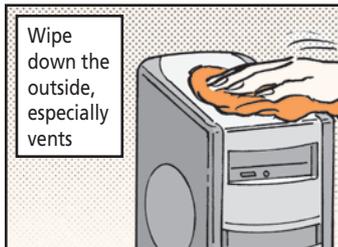
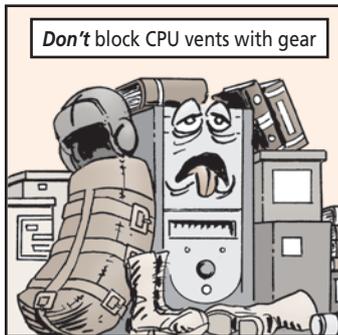
ITS INTERNAL COMPONENTS MAY FAIL.

IT MAY EVEN CRASH WITHOUT WARNING.

COMPUTERS NEED A STEADY FLOW OF COOL AIR TO HOLD DOWN INSIDE TEMPERATURES.

SO, WE HAVE A FEW SUGGESTIONS TO KEEP THE AIR FLOWING AND THE COMPUTER COOL...

- Always locate computers in the shade. Better yet, keep them in air conditioned shelters or tents. Don't have air conditioning? Then circulate cooling air over and around computers with a fan.
- Never pile stuff around an operating computer. That means no coats, tarps, body armor, camo, maps or manuals. They'll block the vents and cut off air.
- Keep computers at least six inches from the wall. That provides space for air movement.
- Once a week, wipe down the outside of all components with a soft lint-free cloth dampened with water or anti-static cleaner, NSN 6850-01-463-5809*.
- The last thing you want is a clogged vent or air hole and the climbing temperatures it creates. Inspect vents and air holes for dirt, sand, lint and dust bunnies. Thoroughly clean them with the cloth.



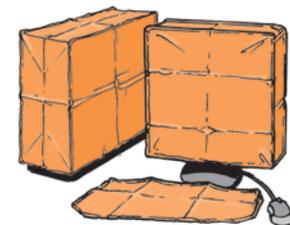
Or you can run a vacuum cleaner, NSN 7910-01-423-9525, over them. NSN 7045-01-417-3206* brings a package of five replacement vacuum bags.

Just **don't** use this vacuum to clean **inside** your computer. It could generate too much static electricity that can damage internal components and circuit boards. If you need to clean inside your computer, use a compressed gas duster. NSN 7930-01-398-2473 brings a box of six 10-oz cans.

- One other place you might want to clean: the CD-ROM drive. Get a CD-ROM drive lens cleaner with NSN 7045-01-450-4369*. Follow the instructions that come with the kit.
- Use dust covers when your computer is shut down. But don't put a cover on the computer when it's running. You'll block the cooling airflow and cause overheating. You'll find dust covers at the DoD Email and GSA Advantage websites:

<https://dod-email.dla.mil/acct/>
and
https://www.gsaadvantage.gov/advantage/main/start_page.do

After shut down, put on dust covers



*These NSNs are not on the AMDF. Order them on DD Form 1348-6 and put "NSN not on AMDF" in the REMARKS block.