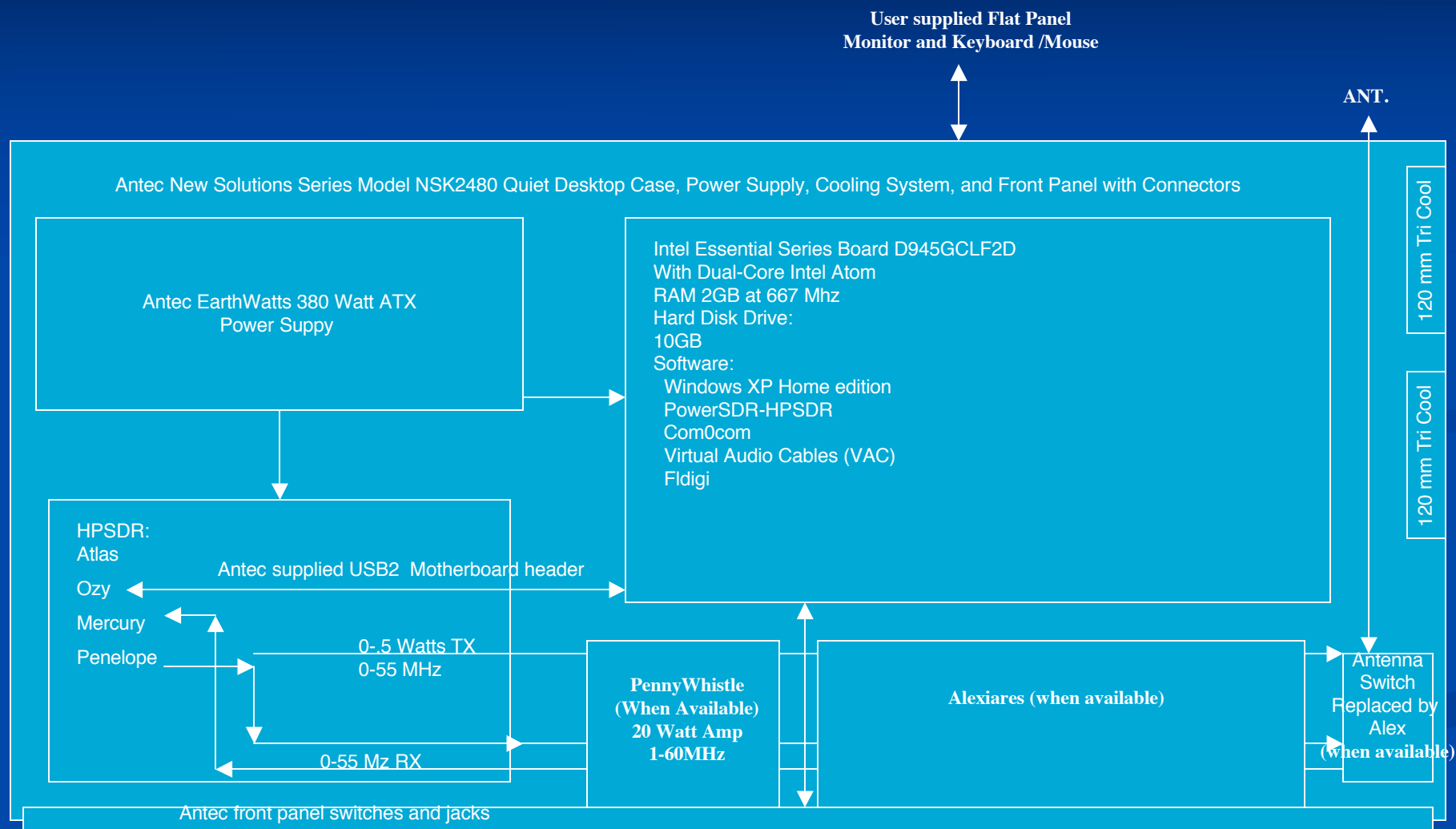


# Block Diagram of HPSPDR in an Antec New Solutions Case

By Ron Cox, W9KFB, 8/17/2009  
HPSPDRrigs@me.com



# Antec Case Features

- Acoustically Quiet and highly efficient 80 PLUS® Certified EarthWatts 380W power supply is also very quiet electrically and has no detectable switching power supply signals. If any spurious signals are detected in testing, they are damped out using clamp-on ferrites.
  - Universal input
  - Active PFC and high efficiency design for superior environmentally-friendly operation
  - 80 PLUS® Certification means you'll save money on your power bills

# Antec Case Features (cont.)

- Triple-chamber structure to isolate power supply and amplifier heat for cooler & quieter operation
- Advanced cooling system:
  - 2 sidemounted 120 mm TriCool™ 3-speed fans
- 4 Drive Bays are used for HDSDR components
  - Front Accessible: 2 x 5.25" used for Amplifier power switch and voltage and current meters
  - Internal: 2 x 3.5" HDD trays are removed to allow room for linear amplifiers

# Antec Case Features (cont.)

- 4 Expansion Slots
- Front-mounted ports for easy multimedia connections
  - 2 x USB 2.0 (example: Griffin Knob and Mouse)
  - Audio In and Out (Mike and Headset)
- 0.8 mm cold-rolled steel construction
- Compatible Motherboards: Mini-ITX or microATX

# Antec Case Features (cont.)

- Unit Dimensions:
  - 5.5" (H) x 17.5" (W) x 16.3" (D)
  - 13.97cm (H) x 44.5cm (W) x 41.4cm (D)
- Shipping package dimensions:
  - 19.5" (H) x 8.1" (W) x 20.1" (D)
  - 49.5cm (H) x 20.5cm (W) x 51cm (D)
- Weight:
  - Net: 27.5lb / 12.37kg
  - Gross: 30.5lb / 13.84kg