

Nexeon 5TM

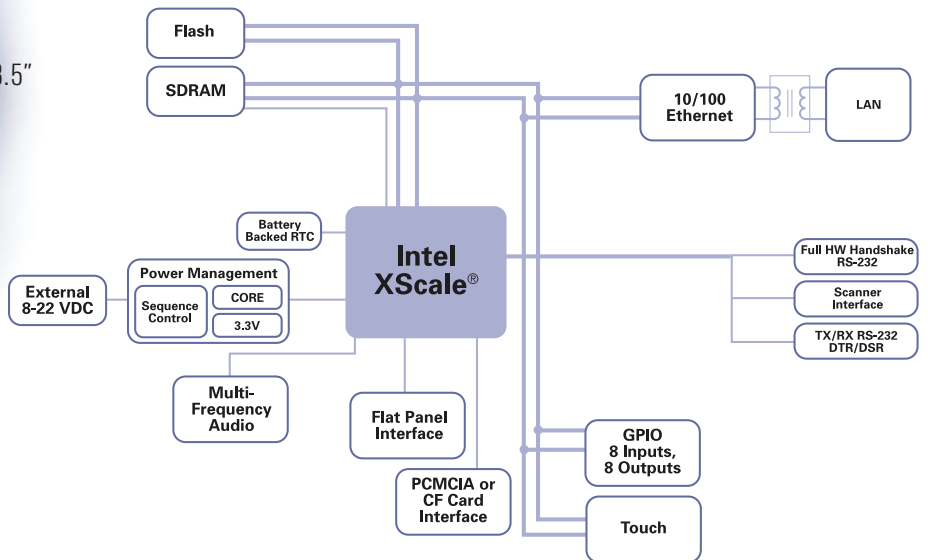


The Nexeon 5 is a self-contained computing system incorporating Nexus Technologies' embedded single board computer platform based on the Intel® XScale® processor. The Nexeon 5 includes a 5.7" color or monochrome LCD panel and an optional touch screen suitable for retail and industrial applications. A serial port is provided for the use of various peripherals. Additionally, the Nexeon 5 supports wireless networking as well as 10/100 Base T Ethernet.

- **Intel® XScale®** @ 200 MHz (400 MHz optionally)
- **Linux** or **Windows CE®** Compatible
- 32 Megabytes of **SDRAM** (up to 64 megabytes optionally)
- 16 Megabytes of **Flash** (up to 32 megabytes optionally)
- **PCMCIA** (supporting both 3.3V and +5V cards)
 - Supports memory and I/O in PCard format
- **5.7" Color LCD Panel** (320 X 240 resolution)
 - 8-bit color FSTN
 - Monochrome and TFT display options available
 - Anti-glare surface
 - CCFL back light
- **Touch Screen**
- **Scanner**
 - Omni Laser
 - Line Laser
 - Imager
- **Beeper Audio Output** (supports multiple frequencies/PC mounted speaker)
- **RS-232 Serial Port** (DTR/DSR supported)
 - Asynchronous RS-232 level communications
 - Baud rates up to 115.2Kb
- **RS-232 Full Handshake Port**
 - Asynchronous logic level communications
 - Baud rates up to 115.2Kb
- **Network Interface**
 - 10/100 Base-T Ethernet
 - 802.11b Wireless (using PCMCIA adapter)
- **Real Time Clock** (optional) with battery backup
- **External Power Source** (8 - 22V Unregulated DC/ 9 - 24V Regulated DC)
- Operating temperature **0° to +50° C**
- **8 General Purpose Buffered Logic Level Input Pins** (for user buttons, credit indications, configuration switches, etc.)
- **8 General Purpose Buffered Logic Level Output Pins** (for lamps, coin control, etc.)
- **Peripheral Options** Available
 - Integrated thermal printer
 - Kits for column, wall and pedestal mounting
 - 100 mm and 75 mm VESA mounting adapter



PLATFORM REFERENCE DIAGRAM



Nexus Technologies, Inc. was founded in 1997 as an electronic engineering design firm. Today, Nexus has design, manufacturing, consulting and service capabilities enabling the company to deliver creative hardware and software solutions to its customers. Nexus offers its products and services to customers in a wide variety of industries such as retail, medical, gaming, video and power generation.

