

SYS9400-ECX

Developer-Ready Reference Platform



Applications

- ◆ Handheld devices
- ◆ Digital signage
- ◆ Telematics
- ◆ Interactive clients
- ◆ POS terminals
- ◆ Mobile infotainment

Processing & Performance

- ◆ Intel® Atom™ Processor E6xx (0.6-1.6 GHz)
- ◆ Intel® Platform Controller Hub EG20T
- ◆ Up to 1 GB on-board DDR2
- ◆ OS Compatibility: ready to run Windows® XP, Linux, MeeGo and Android environments

Developer-Ready Reference Platform

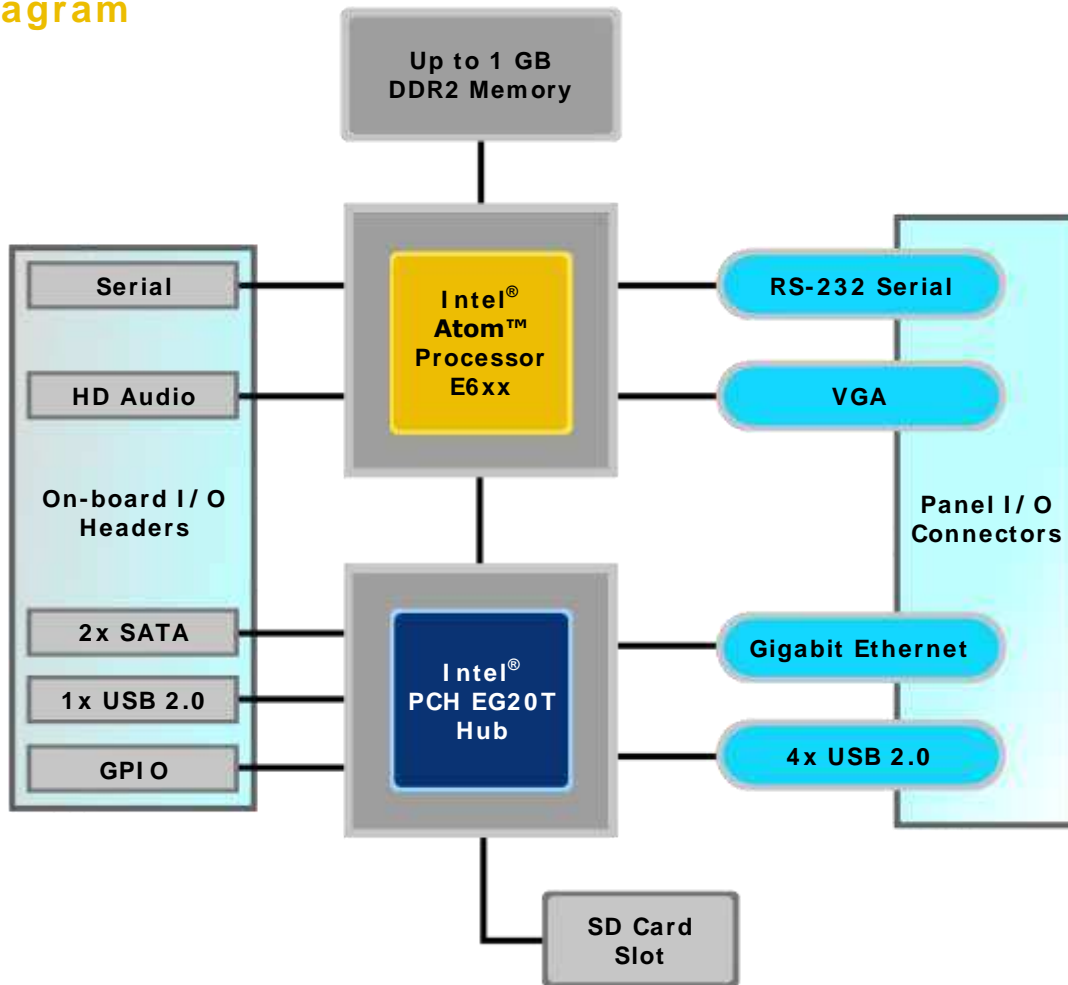
The Inforce® SYS9400 Reference Platform is a complete, ready-to-use developer kit that provides rich and flexible features to embedded and mobile system designers. Based on Intel® Atom™ technology specifically created for ultra-mobile computing, the SYS9400 offers outstanding performance in a small form-factor to optimize solutions for a variety of portable and fixed installation applications.

Feature-Rich I/O & Connectivity

- ◆ Gigabit Ethernet & 5x USB 2.0 provide standard networking & MMI support
- ◆ VGA, LVDS & HD Audio
- ◆ SD Card Slot & dual SATA storage options
- ◆ Mini-PCIe expansion for application-specific I/O

The Inforce® SYS9400 platform supports all popular embedded software environments including Microsoft® Windows® XP, VxWorks and out-of-the-box Linux operating systems. Developers can leverage thousands of applications and tools that are already available for the PC desktop to accelerate their development cycle and time-to-market.

Block Diagram



Technical Specifications

Processor, Chipset & Memory

- ◆ Intel® Atom™ Processor E6xx Series (0.6-1.6 GHz, 512 KB L2 cache, 800 MHz FSB)
- ◆ Intel® Platform Controller Hub EG20T
- ◆ Up to 1 GB on-board DDR2 (800 MT/s)

I/O & Additional Features

- | | |
|--------------------|------------------------|
| ◆ 5 USB 2.0 | ◆ LVDS |
| ◆ Gigabit Ethernet | ◆ HD Audio |
| ◆ 2x SATA | ◆ RS-232/422/485 |
| ◆ SD Card Slot | ◆ Autopoweron Support |
| ◆ VGA | ◆ Header for HDD Power |
| ◆ Mini PCIe x1 | ◆ RTC Battery Support |

Power, Mechanical & Environmental

- ◆ Power: 12V @ 1A, +5V @ 0.2A
- ◆ Dimensions: 146 mm x 102 mm
- ◆ Operating Temp.: 0 to 70 C (std.); -10 to 85 C (ext.)
- ◆ Storage Temp.: -20 to 85 C
- ◆ Relative Humidity: 5 to 95% non-condensing
- ◆ RoHS compliant

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