

### Fast and Efficient UEFI Platform Firmware Solution for Server Products

Designed for agility and scalability, Phoenix ServerCore™ provides lightweight, fast-to-market, targeted support for Intel Xeon, Xeon-D, and Atom products. It is the ideal solution for industrial and automated systems, as well as IoT devices, communication systems, and edge-computing devices.

### Strong Alignment With IHV Reference Code

An emphasis on extension through preservation ensures reliability and minimizes development effort.

- Maximum stability and reliability
- Minimum porting efforts
- Fast integration of important bug and security fixes
- Reduced project risk

### Aligned With Intel's Server Team

- Based on Intel silicon validation firmware
- Adds production-ready features, such as flash update and legacy boot
- Fast-to-market releases for chipset updates and errata

### Supports Phoenix Production Firmware Features

- Familiar Phoenix SecureCore™ Technology (SCT) look and feel
- Develop and debug with Phoenix CoreArchitect™ (PCA)
- Manage keys with UEFI Capsule Workshop (UCW)
- Supports custom flash tools developed with Phoenix's Tool Development Kit (TDK)
- Boot legacy OS with Phoenix CSM
- Integrated DEF language support allows for greater configuration and integration of custom modules

### Industry Standards Compliance

- UEFI and PI specifications
- Advanced Configuration and Power Interface (ACPI)
- System Management BIOS (SMBIOS)
- Trusted Computing Group (TCG)
- Trusted Platform Module (TPM)
- Compatibility Support Module (CSM)

## Phoenix ServerCore™ Provides

- Stable and reliable source code foundation for server products
- Framework for efficient product development, targeted custom features and enhancements, and reduced time-to-market
- Needs-driven extensibility— exactly what's needed, and only what's needed
- Extensive tool set, including flash, debugging, and signing tools with HSM support
- Easy customization via Phoenix's proprietary DEF Language and modular SCT architecture
- Visibility into IHV reference code for easier custom feature development and integration

## Targeted Value Add Strategy

Needs-focused configuration and feature integration prevents software bloat and minimizes error paths and failing points.

- Reduces useless bulk and excludes unnecessary features
- Reduces feature integration and product validation efforts
- Speeds time-to-market



Want to learn more about Phoenix ServerCore?

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