

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

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

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



ServerCore Features

▶ 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)

SECURITY AT THE CORE INNOVATION AT YOUR FINGERTIPS

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