QNX Product Portfolio

QNX Software Development Platform

Tools – QNX® Momentics® Tool Suite

Command line tools
- C/C++ compiler (GCC)
- Image builder
- Multi-processor make
- Phindows

Eclipse-based IDE tools
- Source development
- Source debugger
- Code coverage
- Target navigation
- Target sys info tool
- Application profiler
- Memory analysis
- Mudflap error checking
- System profiler
- Multi-core debugging

Development host OS
Windows, Linux, QNX® Neutrino® RTOS

Development host OS
Windows, Linux

Operating system – QNX® Neutrino® RTOS

Advanced runtime technologies
- Adaptive partitioning
- Fast boot
- Wireless and secure networking
- Multi-core

- High availability
- HMI technologies
- POSIX utilities
- Device drivers
- File systems
- Networking

Memory protected applications

Messaging layer

QNX Neutrino RTOS microkernel

Secure kernel space

Middleware

QNX Aviage® Multimedia Suite	QNX Aviage HMI Suite	QNX Aviage Acoustic Processing Suite
Play/record engine	Adobe Flash/ActionScript	Echo cancellation
Codecs	HTML5	Noise suppression
Device connectivity	Composition manager	Send-side enhancements
Media metadata organization	Native application interfaces	Receive-side enhancements

QNX board support packages

Processor architectures
- x86
- SH-4
- PowerPC
- ARM
- MIPS

QNX services

Custom board bring-up	Debugging and troubleshooting
Custom drivers	Product customization
Boot-time optimization	RTOS migration
System analysis	Certification assistance
Advanced technology workshops	Architecture and design reviews
Software and hardware integration	Demonstration support

QNX
QNX SOFTWARE SYSTEMS