

Intel® Gateway Solutions for the Internet of Things

	DK50 SERIES	DK100 SERIES	DK200 SERIES	DK300 SERIES
TARGET MARKETS	Developers, Enthusiasts	Industrial, Energy	Transportation	Industrial, Energy, and Transportation
SoC	Intel® Quark™ SoC X1000	Intel® Quark™ SoC X1020D	Intel® Quark™ SoC X1020D	Intel® Atom™ Processor E3826
SOFTWARE	Non-production, 6 Month SW License includes, Wind River Linux* (Host), Wind River* Intelligent Device Platform XT, Wind River Workbench, McAfee Embedded Control*	Wind River Linux* (Host), Wind River* Intelligent Device Platform XT, Wind River Workbench, McAfee Embedded Control*		
SECURITY³	Open SSL* Library, McAfee Embedded Control*	Open SSL* Library, SRM Signing Tool, Certificate Management, SecureBoot, Application Integrity Monitor, Application Resource Control, Secure Package Management, Encrypted Storage, McAfee Embedded Control*		
MANAGEABILITY AND PROVISIONING	OMA DM, TR-069, Web-based configuration interfaces			
COMMUNICATIONS AND CONNECTIVITY	Serial, USB, VPN, MQTT	Bluetooth*, Serial, USB, VPN, Wi-Fi* Access Point, MQTT, ZigBee* ²		Cellular 2G/3G/4G, Bluetooth*, Serial, USB, VPN, Wi-Fi* Access Point, MQTT
RUNTIME ENVIRONMENTS	Java, OSGi	Lua,* Java,* and OSGi*		
I/O	Ethernet* 10/100, USB 2.0 host & device, RS-232, full PCIe* mini card slot, UART 5V/3.3V, SPI for Arduino shield, I2C, 14 digital I/O pins, 12-bit 8 channel ADC	2x Ethernet* 10/100, USB 2.0 host & device, RS-232, RS-485, ZigBee* ² , Wi-Fi*/Bluetooth* mini PCIe Module, SPI (internal), 12-bit 8 channel ADC	2x Ethernet* 10/100, USB 2.0 host & device, RS-232, Audio line in/out, CAN*, Wi-Fi*/Bluetooth* mini PCIe Module, 3 axis accelerometer (internal), 12-bit 6 channel ADC	2x Ethernet* 10/100/1000, 2x USB 2.0, 1X USB 3.0, RS-232/422/485, Line in/out, Wi-Fi*/Bluetooth* mini PCIe Module, Cellular WAN mini PCIe module, HDMI
MEMORY AND STORAGE	512KB SRAM; 256MB DDR3, onboard microSD card	512KB SRAM; 1 GB ECC DDR3, onboard microSD card	512KB SRAM; 512MB ECC DDR3, onboard microSD card	Up to 8 GB DDR3, 2.5" SSD via onboard SATA

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² Enabled by 3rd Party hardware on DK100 Series only.

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