

# KINGSTAR 3.1.1

## SUPPORTED NETWORK INTERFACE CARDS

KS-DOC-x64-0007-R14

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# Network interface cards

This section contains a list of NICs compatible with KINGSTAR.

## Legend










Status	Description
	This tested adapter or controller works with KINGSTAR.
	This adapter or controller was tested using KINGSTAR. The manufacturer has listed this chipset as End-Of-Life, and it will likely be deprecated in a future release of KINGSTAR.
	Although this adapter or controller was not tested with KINGSTAR, it should work correctly.
	The device supports line-based interrupts only.










## Broadcom











Vendor ID	Device ID	Device Description	Minimum KingStar Version	Status
0x14E4	0x1682	Broadcom NetXtreme 57762 Gigabit Ethernet	2.3	


## Intel

**NOTE:** BETA support is available through the [IntervalZero Support](#) site.

<b>Vendor ID</b>	<b>Device ID</b>	<b>Device Description</b>	<b>Minimum KingStar Version</b>	<b>Status</b>
0x8086	0x10C6	Intel® 82598 AF DUAL PORT 10GB Network Connection	2.0	
0x8086	0x10C7	Intel® 82598 AF SINGLE PORT 10GB Network Connection	2.0	
0x8086	0x10DD	Intel® 82598 EB CX4 10GB Network Connection	2.0	
0x8086	0x10C8	Intel® 82598 AT 10GB Network Connection	2.0	
0x8086	0x150B	Intel® 82598 AT2 10GB Network Connection	2.0	
0x8086	0x10B6	Intel® 82598 10GB Network Connection	2.0	
0x8086	0x10F1	Intel® 82598 DA DUAL PORT 10GB Network Connection	2.0	
0x8086	0x10EC	Intel® 82598 CX4 DUAL PORT 10GB Network Connection	2.0	
0x8086	0x10F4	Intel® 82598 EB XF LR 10GB Network Connection	2.0	


<b>Vendor ID</b>	<b>Device ID</b>	<b>Device Description</b>	<b>Minimum KingStar Version</b>	<b>Status</b>
0x8086	0x10E1	Intel® 82598 SR DUAL PORT EM 10GB Network Connection	2.0	
0x8086	0x10DB	Intel® 82598 EB SFP LOM 10GB Network Connection	2.0	
0x8086	0x10F7	Intel® 82599 KX4 10GB Network Connection	2.0	
0x8086	0x1514	Intel® 82599 KX4 MEZZ 10GB Network Connection	2.0	
0x8086	0x10FB	Intel® 82599 SFP 10GB Network Connection	2.0	
0x8086	0x10FC	Intel® 82599 XAUI LOM 10GB Network Connection	2.0	
0x8086	0x10F9	Intel® 82599 CX4 10GB Network Connection	2.0	
0x8086	0x151C	Intel® 82599 T3 LOM 10GB Network Connection	2.0	
0x8086	0x10F8	Intel® 82599 COMBO BACKPLANE 10GB Network Connection	2.0	


Vendor ID	Device ID	Device Description	Minimum KingStar Version	Status
0x8086	0x152A	Intel® 82599 BACKPLANE FCOE 10GB Network Connection	2.0	
0x8086	0x154D	Intel® 82599 SFP SF2 10GB Network Connection	2.0	
0x8086	0x1529	Intel® 82599 SFP FCOE 10GB Network Connection	2.0	
0x8086	0x1557	Intel® 82599 EN SFP 10GB Network Connection	2.0	
0x8086	0x154A	Intel® 82599 SFP SF QP 10GB Network Connection	2.0	
0x8086	0x1558	Intel® 82599 QSFP SF QP 10GB Network Connection	2.0	
0x8086	0x1528	Intel® X540 T 10GB Network Connection	2.0	
0x8086	0x1560	Intel® X540 T1 10GB Network Connection	2.0	
0x8086	0x1563	Intel® X550 T 10GB Network Connection	2.0	
0x8086	0x15AB	Intel® X550 EM X KR 10GB Network Connection	2.0	

Vendor ID	Device ID	Device Description	Minimum KingStar Version	Status
0x8086	0x15AA	Intel® X550 EM X KX4 10GB Network Connection	2.0	


0x8086	0x15AD	Intel® X550 EM X 10G T 10GB Network Connection	2.0	
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Vendor ID	Device ID	Device Description	Minimum KingStar Version	Status
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0x8086	0x1533	Intel® I210 T1 Copper-only Ethernet Controller	1.0	
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0x8086	0x1521	Intel® I350 Quad/Dual PCIe Copper Ethernet Controller	1.0	
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**NOTE:** Although MSI-X is supported, it does not work correctly with this device. Use MSI instead.


0x8086	0x1523	Intel® I350 Quad/Dual PCIe 1000BASE-KX/BX Ethernet Controller	1.0	
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**NOTE:** Although MSI-X is supported, it does not work correctly with this device. Use MSI instead.






0x8086	0x1539	Intel® I211-AT Ethernet Controller	2.0	
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Vendor ID	Device ID	Device Description	Minimum KingStar Version	Status
0x8086	0x153A	Intel® I217LM PHY 1000BASE with C220 Ethernet Controller	2.3	
0x8086	0x153B	Intel® I217V PHY 1000BASE with C220 Ethernet Controller	2.3	
0x8086	0x155A	Intel® I218LM PHY 1000BASE with Ethernet Controller	2.3	
0x8086	0x1559	Intel® I218V PHY 1000BASE with Ethernet Controller	2.3	
0x8086	0x15A3	Intel® I218V PHY 1000BASE with Ethernet Controller	2.3	
0x8086	0x15A2	Intel® I218LM PHY 1000BASE with Ethernet Controller	2.3	
0x8086	0x15A1	Intel® I218V PHY 1000BASE with Ethernet Controller	2.3	
0x8086	0x15A0	Intel® I218LM PHY 1000BASE with Ethernet Controller	2.3	









Vendor ID	Device ID	Device Description	Minimum KingStar Version	Status
0x8086	0x1526	Intel® Gigabit ET2 Quad Port Server Adapter	2.3	

Vendor ID	Device ID	Device Description	Minimum KingStar Version	Status
0x8086	0x10A7	Intel® 82575EB Gigabit Ethernet Controller	1.0	
0x8086	0x10c9	Intel® 82576 Gigabit ET/ET2/EF Server Adapter	1.0	
0x8086	0x10e6	Intel® 82576 Gigabit ET/ET2/EF Server Adapter	1.0	
0x8086	0x10e7	Intel® 82576 Gigabit ET/ET2/EF Server Adapter	1.0	

Vendor ID	Device ID	Device Description	Minimum KingStar Version	Status
0x8086	0x150E	Intel® 82580 Quad Port 10/100/1000 Mb/s Ethernet Controller	1.0	
0x8086	0x150F	Intel® 82580 Quad port 10/100/1000 Mb/s Ethernet Controller - Fiber	1.0	
0x8086	0x1510	Intel 82580 Quad port 10/100/1000 Mb/s Ethernet controller - 1000BASEKX/1000BASEBX Backplane	1.0	
0x8086	0x1511	Intel® 82580 Quad Port 10/100/1000 Mb/s Ethernet Controller - External SGMII PHY	1.0	
0x8086	0x1516	Intel® 82580 Dual port 10/100/1000 Mb/s Ethernet Controller - Copper	1.0	

Vendor ID	Device ID	Device Description	Minimum KingStar Version	Status
0x8086	0x1502	Intel® 82579 Ethernet Controller Integrated with the Intel C202 PCH, C216 PCH, or C220 PCH  <b>NOTE:</b> This controller does not work correctly on systems with the Intel C200 PCH.	2.0	✓
0x8086	0x1503	Intel® 82579V Gigabit Network Adapter	2.0	⚠
0x8086	0x100E	Intel® 82540EM Pro 1000 MT Desktop  <b>NOTE:</b> Although MSI/MSI-X is supported, it does not work correctly. Use the line-based interrupt type instead.	1.0	✓
0x8086	0x1010	Intel® PRO/1000 MT Dual Port Gigabit Ethernet Adapter  <b>NOTE:</b> Although MSI/MSI-X is supported, it does not work correctly. Use the line-based interrupt type instead.	1.0	⚠
0x8086	0x107C	Intel® 82541GI/82541PI LF Pro 1000 GT Desktop  β	1.0	✓
0x8086	0x107D	Intel® 82572 PT Gigabit Ethernet Controller	1.0	✓
0x8086	0x109A	Intel® PRO/1000 PL Network Adapter	1.0	✓

Vendor ID	Device ID	Device Description	Minimum KingStar Version	Status
0x8086	0x104B	Intel® 82566 DC Gigabit Ethernet Controller	1.0	
0x8086	0x10D3	Intel® 82574L Gigabit Ethernet Controller	1.0	
0x8086	0x1015	Intel® 82540EM LOM Gigabit Ethernet Controller PRO/1000 MT Mobile Connection	1.0	
0x8086	0x1016	Intel® 82540EP LOM Gigabit Ethernet Controller	1.0	
0x8086	0x1017	Intel® 82540EP Gigabit Ethernet Controller LOM	1.0	
0x8086	0x101E	Intel® 82540EP LP Gigabit Ethernet Controller Mobile	1.0	
0x8086	0x1077	Intel® 82541GI/82541EI Mobile Gigabit Ethernet Controller	1.0	
0x8086	0x1051	Intel® PRO/100 VE Network Connection	1.0	
0x8086	0x108B	Intel® PRO/1000 PM Network Connection	1.0	
0x8086	0x108C	Intel® PRO/1000 PM Network Connection	1.0	

Vendor ID	Device ID	Device Description	Minimum KingStar Version	Status
0x8086	0x105E	Intel® PRO/1000 PT Dual Port Ethernet Controller	1.0	
0x8086	0x105F	Intel® PRO/1000 PF Dual Port Server Adapter	1.0	
0x8086	0x1060	Intel® PRO/1000 PB Dual Port Server Connection	1.0	
0x8086	0x107E	Intel® PRO/1000 PF Network Connection	1.0	
0x8086	0x107F	Intel® PRO/1000 PB Server Connection	1.0	
0x8086	0x10B9	Intel® PRO/1000 PT Desktop Adapter	1.0	
0x8086	0x10a4	Intel® PRO/1000 PT Quad Port Server Adapter	1.0	
0x8086	0x150C	Intel® 82583 Gigabit Ethernet Controller	1.0	

## Realtek

**NOTE:** Some users have experienced poor performance with the RTL8168/8111 controller, as well as issues transmitting and receiving data. We strongly suggest you install the driver of RTL8168/8111 controller on desktops. Installing it on laptops causes problems.

Vendor ID	Device ID	Device Description	Minimum KingStar Version	Status
0x10EC Realtek	0x8168	Realtek 8168/PCIe Ethernet Controller RTL8168/8111 RTL8168B/8111B RTL8168C/8111C/8111CP/8111D(L) RTL8168E/8111E/8111F RTL8111DP	1.0	✓

# Get support

KINGSTAR offers a number of support options for KINGSTAR users, including third-party, online and phone support.

## Third-party support

If you are a customer who purchased a KINGSTAR product through a third-party reseller, contact the reseller for support.

## Online support

The KINGSTAR Customer Support web page is located at:

<http://kingstar.com/support/>

The KINGSTAR support web pages provide electronic access to the latest product releases, documentation, and release notes. You can access the online support ticketing system to submit issues or questions.

## Before calling technical support

Please have the following information ready before calling KINGSTAR Technical Support:

### The version number of your RTX64 and KINGSTAR software

To obtain the RTX64 version number:

1. Click **Start > All Programs > RTX64 3.1 Runtime > Control Panel**.
2. In the **RTX64 3.1 Control Panel**, record **Version** shown in the **Runtime Information** area.

To obtain the KINGSTAR version number:

1. Click **Start > All Programs > KINGSTAR > Runtime**.
2. In **Windows Explorer**, click the `ksm64.rtdll` file, and right-click the same file again.
3. On the shortcut menu, click **Properties**.

4. In the **ksm64.rtdll Properties** window, click the **Details** tab, and record **Product version**.

## Phone support

For technical support related to installing and using KINGSTAR, please call technical support at this number:

+886-2-2556-8117

Hours are Monday-Friday from 9:30 to 18:30, UTC+08:00, excluding holidays.