

The Comparison Table of RTL8139 Series

Features	RTL8139	RTL8139A	RTL8139B(L)	RTL8139C(L)	RTL8130
Chip function	Single-chip	Single-chip	Single-chip	Single-chip	Single-chip
Host interface	PCI	PCI	PCI/Cardbus	PCI/Cardbus	PCI
Package	128-pin QFP	128-pin QFP/LQFP	128-pin QFP/LQFP	128-pin QFP/LQFP	160-pin QFP
Clock	50M OSC.	50M OSC.	50M OSC./25M Crystal	25M OSC./25M Crystal	50M OSC.
Speed	10/100M N-way	10/100M N-way	10/100M N-way	10/100M N-way	10/100M N-way
Full-duplex	Yes	Yes	Yes	Yes	Yes
802.3X(Flow Control)	Yes	Yes	Yes	Yes	Yes
Compliant to	PC97	PC98	PC99	PC99	PC99
MII & AUI	No	No	No	No	Yes
Media interface	UTP	UTP	UTP	UTP	UTP/MII/AUI
Boot function	Boot ROM	Boot ROM	Boot ROM/Flash	Boot ROM/Flash	Boot ROM/Flash
EEPROM	9346	9346	9346/9356	9346/9356	9346
ACPI & WOL	No	Yes	Yes	Yes	Yes
Fully Power Down mode	No	No	Yes	Yes	No
Magic Packet	No	Yes	Yes	Yes	Yes
Wake up frame	No	Yes	Yes	Yes	Yes
PCI clock run	No	No	Yes	Yes	No
PCI output	5V	5V	5V/3.3V	3.3V	5V
Application	PCI LAN adapter	PCI LAN adapter, Embedded system	PCI/Cardbus LAN adapter, Embedded system	PCI/Cardbus LAN adapter, Embedded system	PCI LAN adapter
Process	5V CMOS	5V CMOS	5V CMOS	3.3V CMOS	5V CMOS
Available	Phase Out	Now	Now	E.S.(Oct.)	Now