

ETS Supported Network Interface Cards

The tables below list the NIC drivers that are provided with the ETS release. Note that you can write your own custom drivers for NICs that are not included in this document.

As of version 14.1, ETS support three different network stacks. Within the VSB they are called TCP/IP, TCP/IPv2, and TCP/IPv3. Each stack uses a different set of driver libraries to support the listed NICs. Driver libraries keep the same base name but add version numbers to the end, 7 for TCP/IPv2 and 8 for TCP/IPv3. Take the Intel driver for example TCP/IP uses Eth-igig.lib, TCP/IPv2 uses Eth-igig-7.lib, and TCP/IPv3 uses Eth-igig-8.lib.

Tested Cards

The following Network Interface Cards (NICs) have been tested. Cards have been tested for IPv4 operation.

Driver Eth-amdp.lib supports TCP/IP (Vendor ID 0x1022)

Device ID	Device Description
0x2000	Am79C970/1/2/3/5, PCnet LANCE PCI Ethernet Controller, Advanced Micro Devices

Driver Eth-cs89.lib supports TCP/IP, TCP/IPv2, and TCP/IPv3 (Vendor Crystal Semiconductor)

Device ID	Device Description
	CS90x0 - Crystal LAN CS8900A Ethernet controller

Driver Eth-dec.lib supports TCP/IP, TCP/IPv2, and TCP/IPv3 (Vendor ID 0x1011, 0x1385, 0x11AD, 0x10D9, 0x1282, 0x1317)

Device ID	Device Description
0x0009	DC21140, Digital DE500 PCI Fast Ethernet Controller

Driver Eth-i855.lib supports TCP/IP, TCP/IPv2, and TCP/IPv3 (Vendor ID 0x8086)

Device ID	Device Description
0x1229	82557/8/9/0/1, Fast Ethernet LAN Controller, Intel PRO/100 S Server Adapter (82550EY)
0x1209	82559ER (8255xER/IT) Fast Ethernet Controller

Driver Eth-igig.lib supports TCP/IP, TCP/IPv2, and TCP/IPv3 (Intel Corporation - Vendor ID 0x8086)

Device ID	Device Description
0x100e	82540EM, Gigabit Ethernet Controller, Intel Pro 1000 MT Desktop
0x1010	82546EB, Dual Port Gigabit Ethernet Controller (Copper), Intel PRO/1000 MT Dual Port Gigabit Ethernet Adapter
0x107D	82572EI, Gigabit Ethernet Controller (Copper), Intel® 82572 PT Gigabit Ethernet Adapter
0x109A	82573L Intel Motherboard D975XBX. Intel PRO/1000 PL Network Adaptor Found on IBM ThinkPads T60s and X60s
0x10D3	82574L Intel Gigabit Ethernet Controller

Driver Eth-ne2k.lib supports TCP/IP, TCP/IPv2, and TCP/IPv3

Device ID	Device Description
ISAPNP\AXE2201 - NE2000 ISAPNP	ISA card NEC 2000

Driver Eth-ns15.lib supports TCP/IP, TCP/IPv2, and TCP/IPv3 (Vendor ID 0x100b)

Device ID	Device Description
0x0020	DP83815/16, MacPhyter 10/100 Mb/s Ethernet MAC & PHY

Driver Eth-rtl.lib supports TCP/IP, TCP/IPv2, and TCP/IPv3 (Vendor ID 0x10EC, 0x1211, 0x1113, 0x1186)

Device ID	Device Description
0x8139	RTL-8139/8139C/8139C+, Realtek RTL8139 Family PCI Fast Ethernet NIC
0x8169	RTL8119, Single Gigabit LOM Ethernet Controller

Driver Eth-via.lib supports TCP/IP, TCP/IPv2, and TCP/IPv3 (Vendor ID 0x1106)

Device ID	Device Description
0x3106	VT6105M/LOM, Rhine III PCI Fast Ethernet Controller

Additional Cards

The following Network Interface cards (NICs) have not been tested, but based on their chipset they should work correctly with ETS v14.1.

Driver Eth-3com.lib supports: (Vendor ID 0x10B7)

Device ID	Device Description
	3COM EtherLink III 3C589/D/E Series Network card, PCMCIA

**Driver Eth-amdp.lib supports TCP/IP
(Vendor ID 0x1022)**

Device ID	Device Description
0x2000	AMD 79C961/a, PCNet LANCE ISA Ethernet Controller, Advanced Micro Devices

**Driver Eth-cs89.lib supports TCP/IP, TCP/IPv2, and TCP/IPv3
(Vendor Crystal Semiconductor)**

Device ID	Device Description
	CS90x0 - Crystal LAN CS8900A Ethernet controller

**Driver Eth-dec.lib supports TCP/IP, TCP/IPv2, and TCP/IPv3
(Vendor ID 0x1011, 0x1385, 0x11AD, 0x10D9, 0x1282, 0x1317)**

Device ID	Device Description
0x0014	DC21041, Tulip Plus Ethernet Adapter
0x0019	DC21142 PCI/CardBus 10/100 Mbit Ethernet Ctr
0x0002	LC82C169C, NETGEAR FA310TX Fast Ethernet PCI Adapter, (k82c168)
0x8169	GA311, Gigabit Ethernet Adapter
0xC115	LC82C115, PNIC II PCI MAC/PHY, LNE100TX Dual Fast Ethernet Adapter
0x9102	DM9102/A/AF, 10/100 Mbps Fast Ethernet Controller
0x0531	MX98715/25, Single Chip Fast Ethernet NIC Controller
0x0985	an983, FastNIC 10/100 Fast Ethernet Adapter

**Driver Eth-i855.lib supports TCP/IP, TCP/IPv2, and TCP/IPv3
(Vendor ID 0x8086)**

Device ID	Device Description
0x1030	825593, PCI Networking device
0x2449	82559ER, Integrated 10Base-T/100Base-TX Ethernet Controller
0x1039	10011734, LAN Controller with 82562ET/EZ PHY
0x103a	82801DB, LAN Controller with 82562ET/EZ (CNR) PHY
0x103b	82801DB, LAN Controller with 82562EM/EX PHY
0x1059	82551QM, Intel Fast Ethernet PCI/CardBus Controller

**Driver Eth-igig.lib supports TCP/IP, TCP/IPv2, and TCP/IPv3
(Intel Corporation - Vendor ID 0x8086)**

Device ID	Device Description
0x1015	82540EM, Gigabit Ethernet Controller(LOM), Intel PRO/1000 MT Mobile Connection
0x1017	82540EP, Intel Gigabit Ethernet Controller
0x1016	82540EP, Intel Gigabit Ethernet Controller (LOM)
0x101e	82540EP, Intel Gigabit Ethernet Controller (Mobile)
0x1000	82542, Intel Gigabit Ethernet Controller
0x1001	82543GC, 10/100/1000 Ethernet Controller (Fiber), Intel PRO/1000 F Server Adapter
0x1008	82544EI/GC, Gigabit Ethernet Controller (Copper), PRO/1000 XT Gigabit Ethernet Adapter
0x100f	82545EM, Gigabit Ethernet Controller (copper), PRO/1000 MT Gigabit Ethernet Adapter
0x1026	82545EP, Gigabit Ethernet Controller, Intel PRO/1000 MT Server Adapter
0x1079	82546GB, Dual Port Gigabit Ethernet Controller
0x1013	82541EI, Gigabit Ethernet Controller (Copper), PRO/1000 MT Gigabit Ethernet Adapter
0x1075	82547EI, Gigabit Ethernet Controller, PRO/1000 CT Network Connection
0x1078	82541ER, Gigabit Ethernet Controller
0x1019	82547EI Gigabit Ethernet Controller (LOM)
0x1051 (default, not GI)	82801EB/ER, PRO/100 VE Network Connection

**Driver Eth-ns15.lib supports TCP/IP, TCP/IPv2, and TCP/IPv3
(Vendor ID 0x100b)**

Device ID	Device Description
	DP83905, AT/LANTIC AT Local Area Network Twisted-Pair
	DP8390D/NS32490D, Network Interface Controller

**Driver Eth-rtl.lib supports TCP/IP, TCP/IPv2, and TCP/IPv3
(Vendor ID 0x10EC, 0x1211, 0x1113, 0x1186)**

Device ID	Device Description
0x8129	RTL8139d, 10/100 Fast Ethernet Controller
0x1300	DL10038C or DL10038, Fast Ethernet Adapter, DFE-538TX
0x1211	mpx en5038a1, 0A422T1 118F, network card EN-1207D
	EtherCard PLUS (8003), ISA
	EtherCard Elite16 Ultra (8216) ISA
	SMC EtherEZ (8416), ISA
	SMC 83C690, ISA

	SMC 83C790, ISA
	SMC 83C795, ISA
	SMC 91C92, PCMCIA
	SMC 91C94, PCMCIA

**Driver Eth-s24hr.lib supports TCP/IP
(Vendor ID 0x1562)**

Device ID	Device Description
	Symbol Wireless Networker 802.11b

**Driver Eth-s24.lib supports TCP/IP
(Vendor ID 0x1562)**

Device ID	Device Description
	Spectrum S24 Wireless

**Driver Eth-via.lib supports TCP/IP, TCP/IPv2, and TCP/IPv3
(Vendor ID 0x1106)**

Device ID	Device Description
0x3043	VT86C100A, Rhine 10/100 Ethernet Adapter
0x6100	VIA VT86C100A, Rhine II PCI Fast SATA and Ethernet controller
0x3065	VT6102, Rhine II PCI Fast Ethernet Controller
0x3053	VT6105M, Rhine III Management Adapter