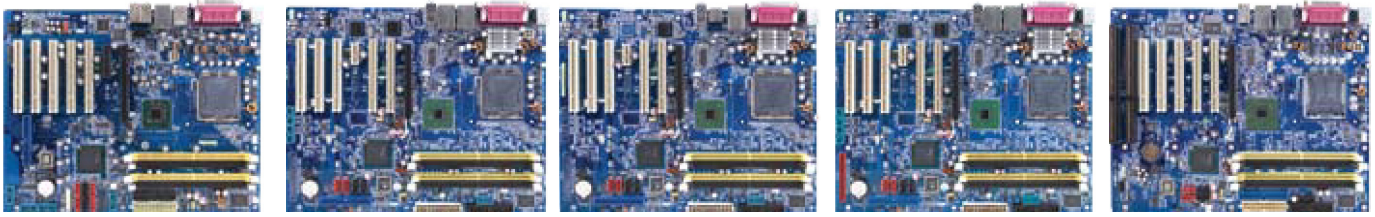


Model Number	AX45Q	AX45Q2	AX45Q3	AX35Q
CPU	Intel Core 2 Quad/ Core 2 Duo/ Pentium/ Celeron	Intel Core 2 Quad/ Core 2 Duo/ Pentium/ Celeron	Intel Core 2 Quad/ Core 2 Duo/ Pentium/ Celeron	Intel Core 2 Quad/ Core 2 Duo/ Pentium/ Celeron
Chipset	Intel Q45 + ICH10DO	Intel Q45 + ICH10DO	Intel Q45 + ICH10DO	Intel Q35 + ICH9R
Process	45 / 65 nm	45 / 65 nm	45 / 65 nm	45 / 65 / 90 nm
Socket	LGA775	LGA775	LGA775	LGA775
FSB	1333 / 1066 / 800 MHz	1333 / 1066 / 800 MHz	1333 / 1066 / 800 MHz	1333 / 1066 / 800 MHz
Memory Type	240-pin DIMM, DDR2 667/ 800 MHz	240-pin DIMM, DDR3 800 / 1066 / 1333 MHz	240-pin DIMM, DDR3 800 / 1066 / 1333 MHz	240-pin DIMM, DDR2 667 / 800 MHz
Memory Capacity	Max 8GB, 4 DIMM	Max 8GB, 4 DIMM	Max 8GB, 4 DIMM	Max 8GB, 4 DIMM
BIOS	AMI 32Mb SPI	AMI 32Mb SPI	Award 32Mb SPI	AMI 32Mb SPI
Graphic	Intel GMA 4500	Intel GMA 4500	Intel GMA 4500	Intel GMA 3100
Display	1 VGA	1 VGA	1 VGA + 1 DVI-I	1 VGA
Audio	Realtek ALC888, 5.1 + 2 CH HD Audio	Realtek ALC888, 5.1 + 2 CH HD Audio	Realtek ALC888, 5.1 + 2 CH HD Audio	Realtek ALC888, 5.1 + 2 CH HD Audio
LAN	Dual Realtek RTL8111C GbE LAN	Dual Realtek RTL8111C GbE LAN	1 Intel 82567LM GbE LAN 1 Intel 82574L GbE LAN	Dual Realtek RTL8111C GbE LAN
Expansion	1 PCI-E x16 2 PCI-E x1 2 PCI (33/66MHz) 2 PCI (33MHz)	2 PCI-E x 16 4 PCI-E x 1 1 PCI	1 PCI-E x16 1 PCI-E x4 1 PC-E x1 4 PCI 2.3	1 PCI-E x16 1 PCI-E x1 5 PCI 2.3
IDE	NA	NA	1	1
SATA	6 (5 SATA II, 1 eSATA) supports RAID 0, 1, 5, 10	6 (5 SATA II, 1 eSATA) supports RAID 0, 1, 5, 10	6 (5 SATA II, 1 eSATA) supports RAID 0, 1, 5, 10	6 SATA II supports RAID 0, 1, 5, 10
COM	2 RS-232 / 422 / 485 (configured by jumper setting)	2 RS-232 / 422 / 485 (configured by jumper setting)	2 RS-232 (Internal)	3 RS-232 (1 Rear, 2 Internal) 1 RS-232/ 422/ 485
LPT	NA	NA	1 (Internal)	1
USB 2.0	12 (4 Rear, 8 Internal)	12 (4 Rear, 8 Internal)	12 (6 Rear, 6 Internal)	12 (4 Rear, 8 Internal)
PS2 KB/MS	2	2	2	2
GPIO	16-bit General Purpose I/O for DI and DO	16-bit General Purpose I/O for DI and DO	16-bit General Purpose I/O for DI and DO	16-bit General Purpose I/O for DI and DO
Rear Audio	3 ports (Line-in, Line-out, Mic-in)	3 ports (Line-in, Line-out, Mic-in)	3 ports (Line-in, Line-out, Mic-in)	3 ports (Line-in, Line-out, Mic-in)
Amplifier	NA	NA	3W + 3W Stereo	3W + 3W Stereo
TPM	Intel Integrated TPM 1.2	Intel Integrated TPM 1.2	Intel Integrated TPM 1.2	Onboard TPM 1.2 by Infineon 9635TT
AMT	NA	NA	AMT 5.0	NA
Others	NA	NA	1 FDD, 1 S/PDIF Out Header, Amp. Out	1 FDD, 1 S/PDIF Out Header, Amp. Out
Dimension	W 304.8 x D 243.84 mm (12" x 9.6")	W 304.8 x D 243.84 mm (12" x 9.6")	W 304.8 x D 243.84 mm (12" x 9.6")	W 304.8 x D 243.84 mm (12" x 9.6")



AX965Q	BV945G	BV945GL	BV945GR	BC915GV
Intel Core 2 Duo/ Pentium 4/ Pentium/ Celeron D	Intel Core 2 Duo/ Pentium D/ Pentium 4/ Celeron D	Intel Core 2 Duo / Pentium D / Pentium 4 / Celeron D	Intel Core 2 Duo / Pentium D / Pentium 4 / Celeron D	Intel Pentium 4 / Celeron D
Intel Q965 + ICH8DO	Intel 945G + ICH7	Intel 945G + ICH7	Intel 945G + ICH7R	Intel 915GV + ICH6
*45/ 65/ 90 nm	*45/ 65/ 90 nm	*45/ 65/ 90 nm	*45/ 65/ 90 nm	90 nm
LGA775	LGA775	LGA775	LGA775	LGA775
1066 / 800 / 533 MHz	1066 / 800 / 533 MHz	1066 / 800 / 533 MHz	1066 / 800 / 533 MHz	800 / 533 MHz
240-pin DIMM, DDR2 533 / 667 / 800 MHz	240-pin DIMM, DDR2 533 / 667 MHz	240-pin DIMM, DDR2 533 / 667 MHz	240-pin DIMM, DDR2 533 / 667 MHz	240-pin DIMM, DDR2 400 / 533 / 667 MHz
Max 8GB, 4 DIMM	Max 4GB, 4 DIMM	Max 4GB, 4 DIMM	Max 4GB, 4 DIMM	Max 4GB, 4 DIMM
Award 16Mb SPI	Award 4Mb FWH	Award 4Mb FWH	Award 4Mb FWH	Award 4Mb FWH
Intel GMA 3000	Intel GMA 950	Intel GMA 950	Intel GMA 950	Intel GMA 900
1 VGA	1 VGA	1 VGA	1 VGA	1 VGA
AD 1988 7.1 CH HD Audio	Realtek ALC888, 5.1 + 2 CH HD Audio	Realtek ALC888, 5.1 + 2 CH HD Audio	Realtek ALC888, 5.1 + 2 CH HD Audio	Realtek ALC888, 5.1 + 2 CH HD Audio
Intel 82566DM GbE LAN	Dual Intel 82573L GbE LAN	Intel 82573L GbE LAN	Dual Intel 82573L GbE LAN	Dual Realtek RTL8110SC GbE LAN
1 PCI-E x16 1 PCI-E x4 5 PCI 2.3	1 PCI-E x16 1 PCI-E x1 5 PCI	1 PCI-E x16 1 PCI-E x1 5 PCI	1 PCI-E x16 1 PCI-E x1 5 PCI	1 PCI-E x16 (Supports ADD2 Card only) 5 PCI 2 ISA (non DMA Mode)
1	1	1	2	1
8 (7 SATA II, 1 eSATA) supports RAID 0, 1, 5, 10	4 SATA II	4 SATA II	4 SATA II supports RAID 0, 1, 5, 10	4 SATA
4 RS-232 (Internal)	3 RS-232 (1 Rear, 2 Internal) 1 RS-232 / 422 / 485 (Internal)	1 RS-232 (Rear) 1 RS-232 / 422 / 485	3 RS-232 (1 Rear, 2 Internal) 1 RS-232 / 422 / 485 (Internal)	2 RS-232 (1 Rear, 1 Internal)
1	1	1	1	1
10 (4 Rear, 6 Internal)	8 (4 Rear, 4 Internal)	8 (4 Rear, 4 Internal)	8 (4 Rear, 4 Internal)	8 (4 Rear, 4 Internal)
2	2	2	2	2
NA	NA	NA	NA	NA
6 ports, 8 CH HD Audio (Line-in, Line-out, Mic-in, CD Audio-in, Side/Rear Speaker-out)	3 ports (Line-in, Line-out, Mic-in)	3 ports (Line-in, Line-out, Mic-in)	3 ports (Line-in, Line-out, Mic-in)	3 ports (Line-in, Line-out, Mic-in)
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
AMT 2.0	NA	NA	NA	NA
1 FDD, 1 S/PDIF Out Header, 2 IEEE 1394a port (optional)	1 FDD, 1 S/PDIF Out Header	1 FDD, 1 S/PDIF Out Header	1 FDD, 1 S/PDIF Out Header	1 FDD, 1 S/PDIF Out Header
W 304.8 x D 243.84 mm (12" x 9.6")	W 304.8 x D 243.84 mm (12" x 9.6")	W 304.8 x D 243.84 mm (12" x 9.6")	W 304.8 x D 243.84 mm (12" x 9.6")	W 304.8 x D 243.84 mm (12" x 9.6")



Model Number	MX45Q	MX45Q2	MX41G
CPU	Intel Core 2 Quad / Core 2 Duo / Celeron	Intel Core 2 Quad / Core 2 Duo / Celeron	Intel Core 2 Quad / Core 2 Duo / Celeron
Chipset	Intel Q45 + ICH10DO	Intel Q45 + ICH10DO	Intel G41 + ICH7R
Process	45 / 65 nm	45 / 65 nm	45 / 65 nm
Socket	LGA775	LGA775	LGA775
FSB	1333 / 1066 / 800 MHz	1333 / 1066 / 800 MHz	1333 / 1066 / 800 MHz
Memory Type	240-pin DIMM, DDR2 667 / 800 MHz	240-pin DIMM, DDR2 667 / 800 MHz	240-pin DIMM, DDR2 667 / 800 MHz
Memory Capacity	Max 8GB, 4 DIMM	Max 8GB, 4 DIMM	Max 8GB, 2 DIMM
BIOS	AMI 32Mb SPI	Award 32Mb SPI	AMI 32Mb SPI
Graphic	Intel GMA 4500	Intel GMA 4500	Intel GMA X4500
Display	1 VGA	Dual DVI (1 DVI-D, 1 DVI-I)	1 VGA + 1 LVDS
Audio	Realtek ALC888, 5.1 + 2 CH HD Audio	Realtek ALC888, 5.1 + 2 CH HD Audio	Realtek ALC888, 5.1 + 2 CH HD Audio
LAN	Intel 82567LM GbE LAN	1 Intel 82567LM GbE LAN 1 Intel 82541PI GbE LAN	Dual Realtek RTL8111D GbE LAN
Expansion	1 PCI-E x16 1 PCI-E x1 2 PCI 2.3	1 PCI-E x16 1 PCI-E x4 1 PCI-E x1 1 PCI 2.3	1 PCI-E x16 1 PCI-E x4 2 PCI 2.3
IDE	1	NA	1
SATA	6 SATA II supports RAID 0, 1, 5, 10	6 SATA II supports RAID 0, 1, 5, 10	4 SATA II supports RAID 0, 1, 5, 10
COM	2 RS-232 (1 Rear, 1 Internal)	2 RS-232 (Rear)	9 RS-232 (2 Rear, 7 Internal) 1 RS-232/422/485 (COM6)
LPT	NA	NA	1 (Internal)
USB 2.0	12 (4 Rear, 8 Internal)	12 (4 Rear, 8 Internal)	8 (2 Rear, 6 Internal)
PS2 KB/MS	2	2	1 (Internal)
GPIO	16-bit General Purpose I/O for DI and DO	16-bit General Purpose I/O for DI and DO	16-bit General Purpose I/O for DI and DO
Rear Audio	3 ports (Line-in, Line-out, Mic-in)	3 ports (Line-in, Line-out, Mic-in)	3 ports (Line-in, Line-out, Mic-in)
Amplifier	3W + 3W Stereo	3W + 3W Stereo	NA
TPM	Intel Integrated TPM 1.2	Intel Integrated TPM 1.2	Onboard TPM 1.2 by Infineon 9635TT (optional)
AMT	AMT 5.0	AMT 5.0	NA
Others	1 S/PDIF Out Header	1 S/PDIF Out Header	Front Audio
Dimension	W 244 x D 244 mm (9.6" x 9.6")	W 244 x D 244 mm (9.6" x 9.6")	W 244 x D 244 mm (9.6" x 9.6")



MX35Q

Intel Core 2 Quad /
Core 2 Duo / Celeron

Intel Q35 + ICH9DO

45 / 65 / 90 nm

LGA775

1333 / 1066 / 800 MHz

240-pin DIMM,
DDR2 667/ 800 MHz

Max 8GB, 4 DIMM

AMI 32Mb SPI

Intel GMA 3100

1 VGA

Realtek ALC888,
5.1 + 2 CH HD Audio

Intel 82566DM
GbE LAN

1 PCI-E x16
1 PCI-E x1
2 PCI 2.3

1

6 SATA II
supports RAID 0, 1, 5, 10

1 RS-232 (Rear)

1

12 (4 Rear, 8 Internal)

2

NA

6 ports, 5.1 + 2 CH HD
Audio (Line-in, Line-out,
Mic-in, CD Audio-in,
Side/Rear Speaker-out)

NA

Onboard TPM 1.2 by
Infineon 9635TT

AMT 3.0

1 FDD, 2 IEEE1394a
(1 Rear, 1 Internal)

W 244 x D 244 mm
(9.6" x 9.6")

MX965Q2

Intel Core 2 Quad/
Core 2 Duo/ Core Duo/
Pentium 4/ Celeron D

Intel Q965 + ICH8

*45/ 65/ 90 nm

LGA775

1066 / 800 / 533 MHz

240-pin DIMM,
DDR2 533/ 667/ 800 MHz

Max 8GB, 4 DIMM

Award 16Mb SPI

Intel GMA 3000

1 VGA

Realtek ALC888,
5.1 + 2 CH HD Audio

Realtek
RTL8111B GbE LAN

1 PCI-E x16
3 PCI 2.3

1

2 SATA II

4 RS-232
(1 Rear, 3 Internal)

1

6 (4 Rear, 2 Internal)

2

NA

6 ports, 5.1 + 2 CH HD
Audio (Line-in, Line-out,
Mic-in, CD Audio-in,
Side/Rear Speaker-out)

5W + 5W Stereo

Onboard TPM 1.2 by
Infineon 9635TT

NA

1 S/PDIF Out Header

W 244 x D 244 mm
(9.6" x 9.6")

RX965Q

Intel Core 2 Quad/
Core 2 Duo/ Core Duo/
Pentium 4/ Celeron D

Intel Q965 + ICH8

*45/ 65/ 90 nm

LGA775

1066 / 800 / 533 MHz

240-pin DIMM,
DDR2 533/ 667/ 800 MHz

Max 8GB, 4 DIMM

Award 16Mb SPI

Intel GMA 3000

1 VGA

ADI AD1988,
5.1 + 2 CH HD Audio

Intel 82566DM
GbE LAN

1 PCI-E x16
1 PCI-E x4
2 PCI

1

8 (7 SATA II, 1 eSATA)
supports RAID 0, 1, 5, 10

2 RS-232
(1 Rear, 1 Internal)

1

10 (4 Rear, 6 Internal)

2

NA

6 ports, 5.1 + 2 CH HD
Audio (Line-in, Line-out,
Mic-in, CD Audio-in,
Side/Rear Speaker-out)

NA

NA

NA

1 FDD,
2 IEEE 1394a port (optional)

W 244 x D 244 mm
(9.6" x 9.6")

RX945G

Intel Core 2 Duo /
Pentium D /
Pentium 4 / Celeron D

Intel 945G + ICH7

*45/ 65/ 90 nm

LGA775

1066 / 800 / 533 MHz

240-pin DIMM,
DDR2 533/ 667 MHz

Max 4GB, 4 DIMM

AMI/ Award 16Mb SPI

Intel GMA 950

1 VGA

Realtek ALC888,
5.1 + 2 CH HD Audio

Intel 82573L
GbE LAN

1 PCI-E x16
1 PCI-E x1
2 PCI

1

4 SATA II

2 RS-232
(1 Rear, 1 Internal)

1

8 (4 Rear, 4 Internal)

2

NA

6 ports, 5.1 + 2 CH HD
Audio (Line-in, Line-out,
Mic-in, CD Audio-in,
Side/Rear Speaker-out)

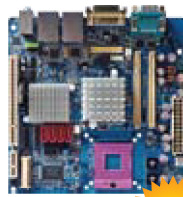
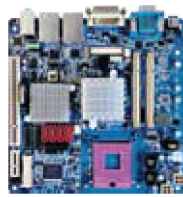
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NA

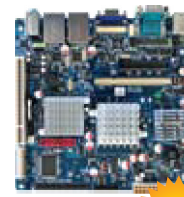
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1 S/PDIF Out Header

W 244 x D 244 mm
(9.6" x 9.6")

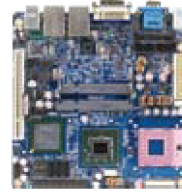
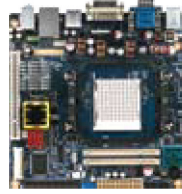
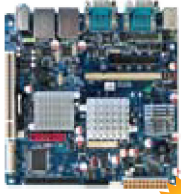


New

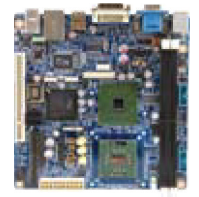
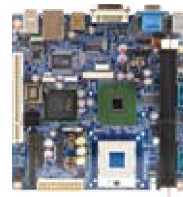
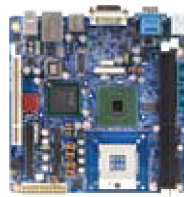


New

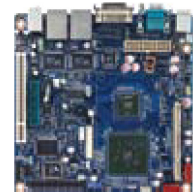
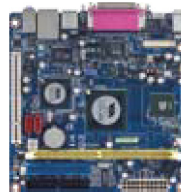
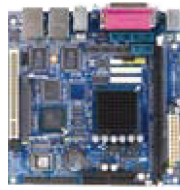
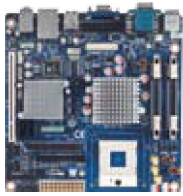
Model Number	IX45GM	IX45GM2	IX945GSE	IX945GSE2
CPU	Intel Core 2 Quad / Core2 Duo / Celeron M	Intel Core 2 Quad / Core2 Duo / Celeron M	Intel Atom N270	Intel Atom N270
Chipset	Intel GM45 + ICH9M-E	Intel GM45 + ICH9M-E	Intel 945GSE + ICH7-M	Intel 945GSE + ICH7-M
Process	45 nm	45 nm	45 nm	45 nm
Socket	Socket P	Socket P	Onboard CPU	Onboard CPU
FSB	1066 / 800 / 667 MHz	1066 / 800 / 667 MHz	533 MHz	533 MHz
Memory Type	200-pin SODIMM, DDR2 667 / 800 MHz	200-pin SODIMM, DDR2 667 / 800 MHz	200-pin SODIMM, DDR2 400 / 533 MHz	200-pin SODIMM, DDR2 400 / 533 MHz
Memory Capacity	Max 8GB, 2 SODIMM	Max 8GB, 2 SODIMM	Max 2GB, 1 SODIMM	Max 2GB, 1 SODIMM
BIOS	AMI 32Mb SPI	AMI 32Mb SPI	Award 16Mb SPI	Award 16Mb SPI
Graphic	Intel GMA 4500MHD	Intel GMA 4500MHD	Intel GMA 950	Intel GMA 950
Display	1 HDMI, 1 DVI-D, 1 VGA, 1 LVDS (18/24-bit dual CH)	1 HDMI, 1 DVI-D, 1 VGA, 1 LVDS (18/24-bit dual CH)	1 VGA, 1 DVI-D, 1 LVDS (18-bit dual CH)	1 VGA, 1 LVDS (18/24-bit dual CH) 1 LVDS (18-bit, optional)
Audio	Realtek ALC888, 5.1 + 2 CH HD Audio	Realtek ALC888, 5.1 + 2 CH HD Audio	Realtek ALC888, 5.1 + 2 CH HD Audio	Realtek ALC888, 5.1 + 2 CH HD Audio
LAN	1 Intel 82567LM GbE LAN 1 Intel 82574L GbE LAN	1 Intel 82567LM GbE LAN 1 Intel 82574L GbE LAN	Dual Realtek RTL8111C GbE LAN	Dual Realtek RTL8111C GbE LAN
Expansion	1 Mini PCI-E 1 PCI-E x1 1 PCI	1 Mini PCI-E 1 PCI-E x1 1 PCI	1 Mini PCI-E 1 PCI	1 Mini PCI-E 1 PCI
IDE	NA	NA	1	1
SATA	4 SATA II	4 SATA II	2 SATA II	2 SATA II
COM	5 RS-232 (1 Rear with 5/12V)	5 RS-232 (1 Rear with 5/12V)	4 RS-232 (2 Rear, 2 Internal)	8 RS-232 (2 Rear, 6 Internal)
LPT	NA	NA	NA	NA
USB 2.0	8 (4 Rear, 4 Internal)	8 (4 Rear, 4 Internal)	6 (4 Rear, 2 Internal)	6 (4 Rear, 2 Internal)
PS2 KB/MS	1	1	2	2
GPIO	16-bit General Purpose I/O for DI and DO	16-bit General Purpose I/O for DI and DO	16-bit General Purpose I/O for DI and DO	16-bit General Purpose I/O for DI and DO
Rear Audio	3 ports (Line-in, Line-out, Mic-in)	3 ports (Line-in, Line-out, Mic-in)	3 ports (Line-in, Line-out, Mic-in)	3 ports (Line-in, Line-out, Mic-in)
Amplifier	3W + 3W Stereo	3W + 3W Stereo	3W + 3W Stereo	3W + 3W Stereo (optional)
TPM	Intel Integrated TPM 1.2	Intel Integrated TPM 1.2	Onboard TPM 1.2 by Infineon 9635TT (optional)	Onboard TPM 1.2 by Infineon 9635TT (optional)
AMT	AMT 4.0	AMT 4.0	NA	NA
CF	1 (optional)	1 (optional)	1	1
Power Type	16 to 24V DC-in	ATX	ATX	ATX
Others	1 S/PDIF Out Header	1 S/PDIF Out Header	1 S/PDIF Out Header	1 S/PDIF Out Header
Dimension	W 170 x D 170 mm (6.69" x 6.69")	W 170 x D 170 mm (6.69" x 6.69")	W 170 x D 170 mm (6.69" x 6.69")	W 170 x D 170 mm (6.69" x 6.69")



IX945GSE3	IX690E	IX965GME	IX965Q
Intel Atom N270	AMD Athlon 64 / Athlon 64x2 / Sempron	Intel Core 2 Duo / Celeron M	Intel Core 2 Quad / Core 2 Duo / Core Duo / Pentium 4/ Celeron D
Intel 945GSE + ICH7-M	AMD M690E + SB600	Intel GME965 + ICH8-M	Intel Q965 + ICH8
45 nm	65 nm	45 / 65 nm	45 / 65 / 90 nm
Onboard CPU	AM2 / AM2+	Socket P	LGA775
533 MHz	1000 / 800 / 600 / 400 / 200 MHz (HT)	800 / 533 MHz	1066 / 800 / 533 MHz
200-pin SODIMM, DDR2 400 / 533 MHz	200-pin SODIMM, DDR2 533/ 667/ 800 MHz	200-pin SODIMM, DDR2 533 / 667 MHz	240-pin DIMM, DDR2 533 / 667 MHz
Max 2GB, 1 SODIMM	Max 4GB, 2 SODIMM	Max 4GB, 2 SODIMM	Max 8GB, 2 DIMM
Award 16Mb SPI	Award 8Mb SPI	AMI 16Mb SPI	Award 16Mb SPI
Intel GMA 950	ATI Radeon X1250	Intel GMA X3100	Intel GMA 3000
2 VGA, 1 LVDS (optional, 18-bit dual CH)	1 VGA, 1 DVI-D, 1 LVDS (18/24-bit dual CH)	1 VGA, 1 DVI-D, 1 LVDS (18/24-bit dual CH)	1 VGA
Realtek ALC888, 5.1 + 2 CH HD Audio	Realtek ALC888, 5.1 + 2 CH HD Audio	Realtek ALC888, 5.1 + 2 CH HD Audio	Realtek ALC888, 5.1 + 2 CH HD Audio
Dual Realtek RTL8111C GbE LAN	Realtek RTL8111C GbE LAN	Dual Realtek RTL8111B GbE LAN	Realtek RTL8111B GbE LAN
1 Mini PCI-E 1 PCI	1 Mini PCI-E 1 PCI	1 PCI	1 PCI-E x16
1	1	1	NA
2 SATA II	2 SATA II	3 SATA II	2 SATA II
8 RS-232 (2 Rear, 6 Internal)	4 RS-232 (2 Rear, 2 Internal)	4 RS-232 (2 Rear, 2 Internal)	2 RS-232 (Rear)
NA	NA	NA	NA
6 (4 Rear, 2 Internal)	6 (4 Rear, 2 Internal)	10 (4 Rear, 6 Internal)	6 (4 Rear, 2 Internal)
2	2	2	2
16-bit General Purpose I/O for DI and DO	8-bit General Purpose I/O for DI and DO	8-bit General Purpose I/O for DI and DO	NA
3 ports (Line-in, Line-out, Mic-in)	3 ports (Line-in, Line-out, Mic-in)	3 ports (Line-in, Line-out, Mic-in)	3 ports (Line-in, Line-out, Mic-in)
3W + 3W Stereo (optional)	3W + 3W Stereo	3W + 3W Stereo	3W + 3W Stereo
Onboard TPM 1.2 by Infineon 9635TT (optional)	Onboard TPM 1.2 by Infineon 9635TT	Onboard TPM 1.2 by Infineon 9635TT	Onboard TPM 1.2 by Infineon 9635TT
NA	NA	NA	NA
1 (optional)	1	1	NA
ATX	ATX	ATX	ATX
1 S/PDIF Out Header	1 S/PDIF Out Header	NA	NA
W 170 x D 170 mm (6.69" x 6.69")	W 170 x D 170 mm (6.69" x 6.69")	W 170 x D 170 mm (6.69" x 6.69")	W 170 x D 170 mm (6.69" x 6.69")



Model Number	IX945GME3	MX945GM2	IX915GME	IX910GMLE-C6/C10
CPU	Intel Core 2 Duo / Core Duo / Core 2 Solo / Core Solo	Intel Core 2 Duo / Core Duo / Core 2 Solo / Core Solo	Intel Pentium M / Celeron M	Intel Celerom M 600MHz / 1.0GHz
Chipset	Intel 945GME + ICH7-M DH	Intel 945GME + ICH7-M DH	Intel 915GME + ICH6-M	Intel 910GME + ICH6-M
Process	65 nm	65 nm	90 nm	90 nm
Socket	Socket M	Socket M	Socket M	Onboard CPU
FSB	667 / 533 MHz	667 / 533 MHz	533 / 400 MHz	400 MHz
Memory Type	240-pin DIMM, DDR2 533 / 667 MHz	240-pin DIMM, DDR2 533 / 667 MHz	240-pin DIMM, DDR2 400 / 533 MHz	240-pin DIMM, DDR2 400 MHz
Memory Capacity	Max 4GB, 2 DIMM	Max 4GB, 2 DIMM	Max 2GB, 2 DIMM	Max 2GB, 2 DIMM
BIOS	Award 8Mb FWH	Award 8Mb FWH	Award 4Mb FWH	Award 4Mb FWH
Graphic	Intel GMA 950	Intel GMA 950	Intel GMA 900	Intel GMA 900
Display	1 VGA, 1 DVI-D, 1 LVDS (18/24-bit dual CH)	1 VGA, 1 LVDS (18-bit dual CH / 24-bit single CH)	1 VGA, 1 DVI-D, 1 LVDS (18-bit dual CH)	1 VGA, 1 DVI-D, 1 LVDS (18-bit dual CH)
Audio	Realtek ALC888, 5.1 + 2 CH HD Audio	Realtek ALC655, 5.1 CH HD Audio	Realtek ALC655, 5.1 CH HD Audio	Realtek ALC655, 5.1 CH HD Audio
LAN	Realtek RTL8111B GbE LAN	Dual Marvell 88E8053 GbE LAN	Realtek RTL8110SC GbE LAN	Realtek RTL8111C GbE LAN
Expansion	1 PCI	1 Mini PCI 1 PCI-E x16 1 PCI	1 PCI	1 PCI
IDE	1	1	1	1
SATA	2 SATA II	2 SATA II	2 SATA II	2 SATA II
COM	4 RS-232 (2 Rear, 2 Internal)	4 RS-232 (1 Rear, 3 Internal)	4 RS-232 (2 Rear, 2 Internal)	4 RS-232 (2 Rear, 2 Internal)
LPT	NA	NA	NA	NA
USB 2.0	8 (4 Rear, 4 Internal)	8 (4 Rear, 4 Internal)	8 (4 Rear, 4 Internal)	8 (4 Rear, 4 Internal)
PS2 KB/MS	2	2	2	2
GPIO	16-bit General Purpose I/O for DI and DO	8-bit General Purpose I/O for DI and DO	16-bit General Purpose I/O for DI and DO	16-bit General Purpose I/O for DI and DO
Rear Audio	3 ports (Line-in, Line-out, Mic-in)	3 ports (Line-in, Line-out, Mic-in)	3 ports (Line-in, Line-out, Mic-in)	3 ports (Line-in, Line-out, Mic-in)
Amplifier	3W + 3W Stereo	3W + 3W Stereo	3W + 3W Stereo	3W + 3W Stereo
TPM	NA	NA	NA	NA
AMT	NA	NA	NA	NA
CF	NA	1	1	1
Power Type	ATX	ATX	ATX	ATX
Others	1 S/PDIF Out Header	1 S/PDIF Out Header	NA	NA
Dimension	W 170 x D 170 mm (6.69" x 6.69")	W 170 x D 170 mm (6.69" x 6.69")	W 170 x D 170 mm (6.69" x 6.69")	W 170 x D 170 mm (6.69" x 6.69")



IX910GMLE2

MX800LX

MX700CN2-C10/C15

IX700CXM

Intel Pentium M /
Celeron M

AMD Geode LX800
500MHz

VIA C7 1.0 / 1.5GHz

VIA C7 1.0GHz

Intel 910GMLE + ICH6-M

AMD Geode LX800 + CS5536

VIA CN700 + VT8237R

VIA CX700M

90 nm

130 nm

90 nm

90 nm

Socket M

Onboard CPU

Onboard CPU

Onboard CPU

400 MHz

533 / 400 MHz

533 / 400 MHz

800 / 400 MHz

200-pin SODIMM,
DDR2 400 / 533 MHz

Max 2GB, 2 SODIMM

Award 4Mb FWH

Intel GMA 900

1 VGA, 1 LVDS
(18/24-bit dual CH)

Realtek ALC655,
5.1 CH HD Audio

Realtek
RTL8111C GbE LAN

1 PCI

1

2 SATA II

8 RS-232
(2 Rear, 6 Internal)

NA

8 (4 Rear, 4 Internal)

2

16-bit General Purpose
I/O for DI and DO

3 ports
(Line-in, Line-out, Mic-in)

3W + 3W Stereo

NA

NA

1

ATX

NA

W 170 x D 170 mm
(6.69" x 6.69")

AMD Geode LX800
500MHz

AMD Geode LX800 + CS5536

130 nm

Onboard CPU

533 / 400 MHz

184-pin DIMM,
DDR 400 MHz

Max 1GB, 1 DIMM

Award 4Mb FWH

AMD Geode LX800

1 VGA, 1 TTL, 1 LVDS
(24-bit single CH)

Realtek ALC203,
2 CH HD Audio

Realtek
RTL8100C LAN

1 Mini PCI

1

NA

4 RS-232
(1 Rear, 3 Internal)

1

4 (Rear)

2

16-bit General Purpose
I/O for DI and DO

3 ports
(Line-in, Line-out, Mic-in)

NA

NA

1

ATX

115kbps IrDA 1.0 compliant

W 170 x D 170 mm
(6.69" x 6.69")

MX700CN2-C10/C15

VIA C7 1.0 / 1.5GHz

VIA CN700 + VT8237R

90 nm

Onboard CPU

533 / 400 MHz

240-pin DIMM,
DDR2 400 / 533 MHz

Max 1GB, 1 DIMM

Award 4Mb FWH

VIA S3 UniChrome Pro II

1 VGA, 1 LVDS
(24-bit dual CH)

Realtek ALC655,
5.1 CH HD Audio

Realtek
RTL8110SC GbE LAN

1 PCI

2

2 SATA II

2 RS-232
(1 Rear, 1 Internal)

1

6 (4 Rear, 2 Internal)

2

4-bit General Purpose
I/O for DI and DO

3 ports
(Line-in, Line-out, Mic-in)

3W + 3W Stereo

NA

NA

NA

ATX

NA

W 170 x D 170 mm
(6.69" x 6.69")

IX700CXM

VIA C7 1.0GHz

VIA CX700M

90 nm

Onboard CPU

800 / 400 MHz

200-pin SODIMM,
DDR2 400 / 533 MHz

Max 1GB, 1 SODIMM

Award 4Mb FWH

VIA S3 UniChrome Pro II

1 VGA, 1 DVI-I, 1 LVDS
(18/24-bit dual CH)

Realtek ALC888,
5.1 + 2 CH HD Audio

Dual Realtek
RTL8110SC GbE LAN

1 PCI

1

2 SATA II

4 RS-232
(2 Rear, 2 Internal)

1

6 (4 Rear, 2 Internal)

2

8-bit General Purpose
I/O for DI and DO

3 ports
(Line-in, Line-out, Mic-in)

3W + 3W Stereo

Onboard TPM 1.2 by
Infineon 9635TT

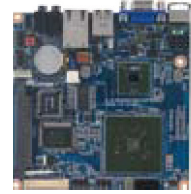
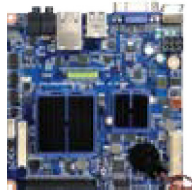
NA

1

AT / ATX

1 S/PDIF Out Header

W 170 x D 170 mm
(6.69" x 6.69")



Model Number	NX800LX	NX15MXL	NX15MXL2	NX700CXM
CPU	AMD Geode LX800 500MHz	Intel Atom Z510P 1.1GHz / Z530P 1.6GHz	Intel Atom Z510P 1.1GHz / Z530P 1.6GHz	VIA C7 1.5GHz/ Eden ULV 1.0GHz
Chipset	AMD Geode LX800 + CS5536	Intel US15WP	Intel US15WP	VIA CX700M
FSB	400 MHz	533 / 400 MHz	533 / 400 MHz	800/ 400 MHz
Memory Type	200-pin SODIMM, DDR 400 MHz	200-pin SODIMM, DDR2 400 / 533 MHz	200-pin SODIMM, DDR2 400 / 533 MHz	200-pin SODIMM, DDR2 400 / 533 MHz
Memory Capacity	1GB, 1 SODIMM	2GB, 1 SODIMM	2GB, 1 SODIMM	1GB, 1 SODIMM
BIOS	Award 4Mb FWH	Award 8Mb SPI	Award 8Mb SPI	Award 4Mb FWH
Graphic	AMD LX800	Intel GMA 500	Intel GMA 500	VIA S3 UniChrome Pro II
Display	1 VGA, 1 TTL (24-bit), 1 LVDS (18-bit single CH)	1 VGA, 1 LVDS (18/24-bit single CH)	1 HDMI, 1 LVDS (18/24-bit single CH)	1 VGA, 1 LVDS (24-bit dual CH)
Audio	Realtek ALC655, 2 CH HD Audio	Realtek ALC888, 5.1 + 2 CH HD Audio	Realtek ALC888, 5.1 + 2 CH HD Audio	Realtek ALC888, 2 CH HD Audio
LAN	Realtek RTL8139DL LAN	Realtek RTL8111C GbE LAN	By IO Board (optional)	Realtek RTL8110SC GbE LAN
Expansion	1 Mini PCI	1 Mini PCI-E	2 Mini PCI-E	1 Mini PCI
IDE	1	1	1	NA
SATA	NA	NA	NA	1 SATA II
COM	2 RS-232 (Internal)	2 RS-232 (Internal)	NA	1 RS-232 (Internal)
LPT	NA	NA	NA	NA
USB 2.0	4 (2 Rear, 2 Internal)	4 (2 Rear, 2 Internal)	2 (Internal)	4 (2 Rear, 2 Internal)
PS2 KB/MS	1	1	NA	1
GPIO	8-bit General Purpose I/O for DI and DO	8-bit General Purpose I/O for DI and DO	4-bit General Purpose I/O for DI and DO	8-bit General Purpose I/O for DI and DO
Rear Audio	2 ports (Mic-in, Line-out)	2 ports (Mic-in, Line-out)	2 ports (Mic-in, Line-out, internal)	2 ports (Mic-in, Line-out)
CF	1	1	NA	1
Power Type	ATX	ATX	12V DC-in	ATX
Others	115kbps IrDA 1.0 compliant	NA	Customized I/O Board (optional)	NA
Dimension	W 120 x D 120 mm (4.72" x 4.72")	W 120 x D 120 mm (4.72" x 4.72")	W 120 x D 70 mm (4.72" x 2.76")	W 120 x D 120 mm (4.72" x 4.72")