	ETX CN700	ETX-945GSE	ETX 701	XTX 945GSE	NanoCOM U15	NanoCOM LN	COM U15	COM 690T	COM 45GS	COM LN
Form Factor	ETX	ETX	ETX	XTX	COM Express Nano	COM Express Nano	COM Express Compact	COM Express Basic	COM Express Basic	COM Express Compact
Processor	Via C7	Atom™ N270 1.6 GHz	AMD Geode LX 800 (500MHz)	Atom N270 1.6GHz	Atom Z530 1.6GHz and Z510 1.1GHz Wide temp options available	Onboard Intel® Atom™ N450 Processor, 1.66GHz	Atom Z530 1.6GHz and Z510 1.1GHz	AMD Turion X2 TL-52 1.6GHz	Intel® Core™ 2 Duo/ Celeron® M Processors Wide temp options available	Atom™ N450/ D410/ D510 processor, 1.66 GHz
Memory	Up to 1GB	Up to 2GB	Up to 1GB	Up to 2GB	Up to 1GB	Up to 1GB	Up to 2GB	Up to 4GB	Up to 8GB	Up to 4GB
Typical Power Consumption	C7 500MHz, 512MB @ 8W	Intel Atom N270 1.6GHz, DDRII 667 2 GB 0.22A@+12V, 2.21A@+5V	LX800, 1GB RAM @ 13W	Atom 1.6 GHz, 2GB RAM @ 18.5W	Intel® Atom™ Z530 1.6 GHz, DDRII 667 2 GB 0.38A @ +12V 0.12A @ +5V		Intel® Atom™ Z530 1.6 GHz, DDRII 667 2 GB 0.5A @ +12V 0.185A @ +5V	AMD TL-52 1.6GHz, DDRII 667 2GB 3.86A @ +12V, 0.7A @ +5V	Intel® T9400 2.53GHz, DDR III 1066 2GB 3.94A @ +12V, 0.38A @ +5V	Intel® Atom™ D510 1.66 GHz, DDR2 667 2GB 1.08A @ +12V 0.74A @ +5V
Display:	Supports CRT/LCD, Simultaneous/ Dual view displays	Supports CRT/LCD, CRT/TV, LCD/TV Dual Simultaneous/ Dual View Displays	Supports CRT/LCD Simultaneous Display	Supports CRT/LCD, CRT/TV, LCD/TV Simultaneous/ Dual View Display	Supports LCD/DVI or LCD/LCD (via SDVO) simultaneous/ Dual View Displays	Supports CRT/LCD simultaneous/ Dual View Displays	Supports LCD/DVI or LCD/LCD (via SDVO) simultaneous/ Dual View displays	Supports CRT/LCD, CRT/DVI, LCD/DVI, LCD/TV, TV/DVI simultaneous/ Dual View displays	Supports CRT/LCD, CRT/TV, CRT/DVI, LCD/TV, LCD/DVI simultaneous/ Dual View displays	Supports CRT/LCD simultaneous/ Dual View displays
Chipset	CN700 Integrated	Intel® 945GSE integrated	AMD LX processor integrated	Intel® 945GSE integrated	Intel® System Controller Hub US15W integrated	Intel® ICH8M	Intel® System Controller Hub US15W integrated	AMD M690T/E integrated	Intel® GS45 integrated Integrates hardware MPEG2 decoder Supports WMV9 (VC-1) and H.264 (AVC)	Intel® N450/ D410/ D510 integrated Integrates hardware MPEG2 decoder
Ethernet	10/100 BaseT - including PXE boot ROM for remote booting	Intel® EP82562ET, 10/100Base-TX	Realtek RTL8139DL	Intel® EP82562ET, 10/100Base-TX	Intel® 82574L, 10/100/1000Base-TX	Intel® 82567V, 10/100/1000Base-TX	Intel® 82574L, 10/100/1000Base-TX	Intel® 82573L, 10/100/1000Base-TX#	Intel® 82567LM, 10/100/1000Base-TX	Intel® 82567V, 10/100/1000Base-TX
Video Memory	Shared system memory up to 128MB	Shared system memory up to 224 MB	Shared system memory up to 254MB	Shared system memory up to 224MB/ DVMT3.0	Shared system memory up to 256MB	Shared system memory up to 384 MB/ DVMT 4.0	Shared system memory up to 256MB	Shared system memory up to 1024MB	Shared system memory above 512MB/ DVMT 5.0	Shared system memory up to 384 MB/ DVMT 4.0
Resolutions	Up to 1600 x 1200 (UXGA) for CRT	Up to 2048 x 1536 (QXGA) for CRT	Up to 1920 x 1440 @ 32bpp at 85Hz for CRT	Up to 2048 x 1536 (QXGA) for CRT	Up to 1366 x 768 @ 85Hz (Max. pixel clock of 112 MHz) for LVDS	Up to 1400 x 1050 (SXGA) @ 60 Hz for CRT (N450)	Up to 1366 x 768 @ 85Hz (Max. pixel clock of 112 MHz) for LVDS	Up to 2560 x 1440 @ 75Hz for CRT	Up to 2048 x 1536 (QXGA) for CRT	Up to 2048 x 1536 (QXGA) @ 60 Hz for CRT (D410/D510)
	Up to 1600 x 1200 (UXGA) for LCD	Up to 1600 x 1200 (UXGA) for LCD	Up to 1600 x 1200 @ 32bpp at 100Hz for CRT	Up to 1600 x 1200 (UXGA) for LCD	Up to 1280 x 1024 @ 85Hz (Max. Pixel clock of 160 MHz) for SDVO		Up to 1280 x 1024 @ 85Hz (Max. Pixel clock of 160 MHz) for SDVO	Up to 2048 x 1536 (QXGA) for LCD	Up to 2048 x 1536 (QXGA) for LCD	Up to 1400 x 1050 (SXGA) @ 60 Hz for CRT (N450)
			Up to 1600 x 1200 @ 32bpp at 60Hz for LCD			Up to 1366 x 768 or 1280 x 800 (WXGA) for LCD				Up to 1366 x 768 or 1280 x 800 (WXGA) for LCD
LCD Interface	24 bit dual-channel LVDS	18-bit dual-channel LVDS (ETX-945GSE-A10)	18-bit/ 24-bit TTL	18-bit dual-channel LVDS	Up to 24-bit single-channel LVDS	18-bit single-channel LVDS	Up to 24-bit single-channel LVDS	Up to 24-bit dual-channel LVDS	Up to 24-bit dual-channel LVDS	18-bit single-channel LVDS
	18 bit TTL	24-bit dual-channel LVDS (ETX-945GSE-A10-01)	18-bit single-channel LVDS	24-bit dual-channel LVDS						
			24-bit single-channel LVDS							
SVDO Port	0	1	0	1 (optional)	1		1		2 (Shared with PCI-Express [x16])	
HDMI								Supports HDMI x 1 (Shared with PCI Express [x8])	Supports HDMI x 2 (Shared with PCI-Express [x16], needs to add a level shifter)	
DVI								Supports DVI x 1 (Shared with PCI Express [x8])	Supports DVI x 2 (Shared with PCI-Express [x16], needs to add a level shifter)	
Display Port									Supports DisplayPort x 3 (Shared with PCI Express [x16])	
TV Out	None	Intel® 945GSE integrated, supports NTSC/PAL	None	Intel® 945GSE integrated, support NTSC/PAL	Intel® GME965 integrated, supports NTSC/ PAL/ HDTV		Intel® GME965 integrated, supports NTSC/ PAL/ HDTV	AMD M690T integrated, supports NTSC/ PAL/ HDTV	Intel® GS45 integrated, supports NTSC/ PAL/ HDTV	
		Supports Composite Video, S-Video on the carrier board		Support Composite Video, S-Video on the carrier board					HDTV support: 480p/720p/ 1080i/1080p	
									Supports Composite Video, S-Video, Component Video (YPbPr) on carrier board	
Storage	PATA x 2 (four devices), SATA II x 2 (on module), CompactFlash™ Type I slot x 1 (on module)	PATA x 1 (two devices), SATA II x 2 (on module)	PATA x 2 (four devices), SATA II x 2 (on module), CompactFlash™ Type I slot x 1 (on module)	PATA x 1 (two devices), SATA II x 2	PATA SSD on board (Master device), Max. 4GB (NanoCOMU15- A10-01 and NanoCOM-U15- A10-03 only) SATA II x 1	PATA SSD on board (Master device), Max. 4GB SATA II x 3	PATA SSD on board (Master device), Max. 4GB (TFNanoCOMU15- A10-01 and TF-NanoCOM-U15- A10-03 only) SATA II x 1	PATA x 1 (Two devices) SATA II x 3	PATA x 1 (One device) SATA II x 3	PATA x 1 (Two devices) SATA II x 3
Serial Ports	2	2	2	2						
Parallel Ports	1	1	1	1						
USB	USB 2.0 x 4	USB 2.0 x 4	USB 2.0 x 4	USB 2.0 x 6	USB 2.0 x 8	USB 2.0 x 8	USB 2.0 x 8	USB 2.0 x 8	USB 2.0 x 8	USB 2.0 x 8
PS/2 Port	Keyboard x 1, Mouse x 1	Keyboard x 1, Mouse x 1	Keyboard x 1, Mouse x 1	Keyboard x 1, Mouse x 1						
IrDA	One IrDA Tx/Rx header	One IrDA Tx/Rx header	One IrDA Tx/Rx header	One IrDA Tx/Rx header						
GPIO					Up to 4 in or 4 out: Multiplexed with 4-bit SDIO	Up to 4 in or 4 out	Up to 4 in or 4 out: Multiplexed with 4-bit SDIO	Up to 4 in or 4 out	Up to 4 in or 4 out	Up to 4 in or 4 out
Audio	Mic-in, Line-in, Line-out	Mic-in, Line-in, Line-out	Mic-in, Line-in, Line-out	Mic-in, Line-in, Line-out	High definition audio	High definition audio	High definition audio	High definition audio	High definition audio	High definition audio

Discontinued 2010