

Small form factor computers - detailed comparison chart

Feature	ALIX 1	ALIX 2	ALIX 3	ALIX 6	net5501	nuxV 1600	fit-PC2	fit-PC2i
Type	Server	Server	Server	Server	Server	Server	Desktop	Desktop / Server
Size		0.98			1.98		0.31	0.31
Fanless?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Power usage	3 - 5W	3 - 5W	3 - 5W	3 - 5W	6 - 8W	8 - 11W	6 - 10W	6 - 10W
Software	Unix, Linux, BSD	Unix, Linux, BSD	Unix, Linux, BSD	Unix, Linux, BSD	Unix, Linux, BSD	Unix, Linux, BSD	Windows 7 Pro, Linux	Windows 7 Pro, Linux
CPU / Speed	AMD Geode LX800, 500MHz	AMD Geode LX800, 500MHz	AMD Geode LX800, 500MHz	AMD Geode LX800, 500MHz	AMD Geode LX800, 500MHz	Atom Z530, 1.6GHz	Atom Z530, 1.6Ghz	Atom Z530, 1.6Ghz
Memory / RAM	256MB	256MB	256MB	256MB	512MB	2GB	1GB / 2GB	1GB / 2GB
Ethernet ports	1 x 10/100	2 or 3 x 10/100	1 x 10/100	2 x 10/100	4 x 10/100	1 x Gigabit, 2 x 10/100	1 x Gigabit 802.11bg wireless	2 x Gigabit 802.11bg wireless
miniPCI slots	1	1 or 2	2	1 / 1 Express	1	2	1 Express	1 Express
PCI slots	1*	None	None	None	1	None	None	None
Serial ports	2*	1	1	1	2	1	None	1
USB ports	4* (USB 2.0)	0 or 2 (USB 2.0)	0 or 2 (USB 2.0)	2 (USB 2.0)	2* (USB 2.0)	2 (USB 2.0)	4 standard / 2 mini (USB 2.0)	2 standard / 2 mini (USB 2.0)
Passive POE	No	Yes	Yes*	Yes	No	No	No	No
Storage	CF 2.5" HDD	CF 2.5" HDD*	CF	CF 2.5" HDD*	CF 2.5" HDD	CF 2.5" SATA/IDE HDD/SSD	2.5" SATA HDD/SSD miniSD slot	2.5" SATA HDD/SDD miniSD slot
Other interfaces	GPIO, VGA, PS/2, I ² C, LPC, LPT, audio	I ² C, LPC	I ² C, LPC, VGA, audio	I ² C, LPC, 2 x SIM card slots	GPIO, SATA	PS2*, SDVO	DVI, IR, digital audio	DVI, digital audio
Network bootable	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Board size	170 x 170 (miniITX)	153 x 161	110 x 166	153 x 161	160 x 165	153 x 161	94 x 106	94 x 106
Cases	<ul style="list-style-type: none"> ➤ Made from aluminium ➤ Standalone (standard or "XL") ➤ 1U rack mount 	<ul style="list-style-type: none"> ➤ Made from aluminium ➤ Standalone (bookshelf) ➤ 1U dual rack mount 	<ul style="list-style-type: none"> ➤ Made from aluminium ➤ Standalone (indoor and outdoor) 	<ul style="list-style-type: none"> ➤ Made from aluminium ➤ Standalone (bookshelf) ➤ 1U dual rack mount 	<ul style="list-style-type: none"> ➤ Made from aluminium ➤ Standalone (standard, "XL" or "lite") ➤ 1U dual rack mount 	<ul style="list-style-type: none"> ➤ Made from aluminium ➤ 1U dual rack mount 	<ul style="list-style-type: none"> ➤ Made from aluminium ➤ Standalone 	<ul style="list-style-type: none"> ➤ Made from aluminium ➤ Standalone
Availability	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing	5 years	5 years
C-Tick compliance	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

* **Notes:** ALIX 1 USB: 2 ports, 2 headers; ALIX 1 serial ports: 1 console, 1 header; ALIX 1 PCI slot: not accessible without riser; ALIX 2 and ALIX 6 2.5" HDD: requires soldering; ALIX 3 Outdoor: Passive POE recommended; net5501 USB: 1 port, 1 header; nuxV: PS2 connector is non-standard;