

Small form factor computers - detailed comparison chart

Feature	ALIX 1	ALIX 2	ALIX 3	ALIX 6	net5501	fit-PC2	fit-PC2i
Type	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
Power usage	3 - 5W	3 - 5W	3 - 5W	3 - 5W	6 - 8W	6 - 10W	6 - 10W
Software	Unix, Linux, BSD	Unix, Linux, BSD	Unix, Linux, BSD	Unix, Linux, BSD	Unix, Linux, BSD	Windows 7 Pro, Windows XP Home, Ubuntu Linux	Windows 7 Pro, Windows XP Home, Ubuntu 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
Memory / RAM	256MB	256MB	256MB	256MB	512MB	1GB	1GB
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 802.11bg wireless	2 x Gigabit 802.11bg wireless
miniPCI slots	1	1 or 2	2	1 / 1 Express	1	1 Express	1 Express
PCI slots	1*	None	None	None	1	None	None
Serial ports	2*	1	1	1	2	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)	4 standard / 2 mini (USB 2.0)	2 standard / 2 mini (USB 2.0)
Passive POE	No	Yes	Yes*	Yes	No	No	No
Storage	CF 2.5" HDD	CF 2.5" HDD*	CF	CF 2.5" HDD*	CF 2.5" HDD	2.5" SATA HDD miniSD slot	2.5" SATA HDD 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	DVI, IR, digital audio	DVI, digital audio
Network bootable	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	94 x 106	94 x 106
Cases	Made from aluminium Standalone (standard or "XL") 1U rack mount	Made from aluminium Standalone (bookshelf) 1U dual rack mount	Made from aluminium Standalone (indoor and outdoor)	Made from aluminium Standalone (bookshelf) 1U dual rack mount	Made from aluminium Standalone (standard, "lite" or "XL") 1U dual rack mount	Made from aluminium Standalone	Made from aluminium Standalone
Availability	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing	5 years	5 years
C-Tick compliance	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