

**bluechip BUSINESSline M1570U *AI ready* Intel® Core™ Ultra 7
Prozessor 255H / bis zu 5.10 GHz, Windows 11 Pro, 16 GB DDR5,
500 GB NVMe SSD, Intel® Wi-Fi 7, Bluetooth 5.4, 2,5 Gbit
Ethernet, Intel® Arc™ 140T GPU, 2 x Thunderbolt™ 4**

Brand : bluechip

Product code: 556556

Product name : BUSINESSline M1570U *AI ready* Intel®
Core™ Ultra 7 Prozessor 255H / bis zu 5.10 GHz, Windows 11
Pro, 16 GB DDR5, 500 GB NVMe SSD, Intel® Wi-Fi 7, Bluetooth
5.4, 2,5 Gbit Ethernet, Intel® Arc™ 140T GPU, 2 x
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Windows 11 Pro, 16 GB DDR5, 500 GB NVMe SSD, Intel® Wi-Fi 7, Bluetooth 5.4, 2,5 Gbit Ethernet, Intel®
Arc™ 140T GPU, 2 x Thunderbolt™ 4. Processor family: Intel Core Ultra 7, Processor model: 225H.
Internal memory: 16 GB, Internal memory type: DDR5-SDRAM, Memory clock speed: 5200 MHz. Total
storage capacity: 500 GB, Storage media: SSD. On-board graphics card model: Intel Arc 140T. Wi-Fi.
Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Power supply: 120
W. Chassis type: Mini PC. Product type: Mini PC. Product colour: Black



Processor		Graphics	
Processor manufacturer *	Intel	Discrete graphics card *	✗
Processor family *	Intel Core Ultra 7	On-board graphics card *	✓
Processor generation	Intel Core Ultra (Series 2)	Discrete graphics card model *	Not available
Processor model *	225H	On-board GPU manufacturer	Intel
Processor cores	16	On-board graphics card family	Intel Arc Graphics
Processor threads	16	On-board graphics card model *	Intel Arc 140T
Processor boost frequency	5.1 GHz	Network	
Performance cores	6	Ethernet LAN *	✓
Efficient cores	8	Ethernet LAN data rates	2500 Mbit/s
Low Power Efficient-cores	2	LAN controller	Intel I226-V
Performance-core Max Turbo Frequency	5.1 GHz	Wi-Fi *	✓
Efficient-core Max Turbo Frequency	4.4 GHz	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Wi-Fi standards	Wi-Fi 7 (802.11be)
Performance-core base frequency	2 GHz	WLAN controller manufacturer	Intel
Efficient-core base frequency	1.5 GHz	WLAN controller model	Intel Wi-Fi 7 BE202
Low Power Efficient-core Base Frequency	700 MHz	Bluetooth	✓
Processor cache	24 MB	Bluetooth version	5.4
Number of processors installed	1	Ports & interfaces	
Processor base power	28 W	USB 2.0 ports quantity *	1
Maximum turbo power	115 W	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3
Neural processor unit (NPU)		USB 3.2 Gen 2x2 Type-C ports quantity	1
Neural processor unit (NPU)	Intel AI Boost	USB Type-C DisplayPort Alternate Mode	✓
Sparsity support	✓	Intel® Thunderbolt 4	✓
Windows Studio effects support	✓	Thunderbolt 4 ports quantity	2
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	HDMI ports quantity *	2
Total processor performance up to	96 TOPs	HDMI version	2.1
NPU performance up to	13 TOPs	Ethernet LAN (RJ-45) ports	1
GPU performance up to	74 TOPs		

Memory		Design	
Internal memory *	16 GB	Chassis type *	Mini PC
Maximum internal memory *	96 GB	VESA mounting	✓
Internal memory type	DDR5-SDRAM	Product colour *	Black
Memory layout (slots x size)	2 x 8 GB	Performance	
Memory slots	2x SO-DIMM	Audio output channels	7.1 channels
Memory clock speed	5200 MHz	Trusted Platform Module (TPM)	✓
Storage		Product type *	Mini PC
Total storage capacity *	500 GB	Trusted Platform Module (TPM) version	2.0
Storage media *	SSD	Software	
Optical drive type *	✗	Operating system architecture	64-bit
Number of storage drives installed	1	Operating system installed *	Windows 11 Pro
Total SSDs capacity	500 GB	Power	
Number of SSDs installed	1	Power supply *	120 W
SSD capacity	500 GB	Certificates	
SSD interface	PCI Express 4.0	Certification	CE
NVMe	✓	Weight & dimensions	
		Width *	117 mm
		Depth *	112 mm
		Height *	37 mm
		Display	
		Display included *	✗
		Audio	
		Audio system	High Definition Audio



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