



# MSI Cubi N 8GL-074EU N5000 mini PC Intel® Pentium® Silver 4 GB DDR4-SDRAM 64 GB SSD Windows 10 Pro Black

**Brand :** MSI

**Product family:** Cubi

**Product code:** 9S6-B17111-074



**Product name :** N 8GL-074EU

Intel Pentium Silver N5000 (4MB Cache, 1.1GHz), 4GB DDR4-SDRAM, 64GB SSD, Intel UHD Graphics 605, LAN, WLAN, Bluetooth, Windows 10 Pro 64-bit

MSI Cubi N 8GL-074EU. Processor frequency: 1.1 GHz, Processor family: Intel® Pentium® Silver, Processor model: N5000. Internal memory: 4 GB, Internal memory type: DDR4-SDRAM, Memory clock speed: 2400 MHz. Total storage capacity: 64 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics 605. Operating system installed: Windows 10 Pro, Operating system architecture: 64-bit. Power supply: 40 W. Chassis type: mini PC. Product type: Mini PC. Product colour: Black



Windows 10



Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Processor model *	N5000	VGA (D-Sub) ports quantity	1
Processor family *	Intel® Pentium® Silver	DVI port	✗
Processor cores	4	HDMI ports quantity *	1
Processor frequency *	1.1 GHz	HDMI version	2.0
Processor boost frequency	2.7 GHz	Ethernet LAN (RJ-45) ports	1
Processor socket	BGA 1090	Microphone in	✗
Processor cache	4 MB	Headphone outputs	1
Processor cache type	L3	Combo headphone/mic port	✓
Processor threads	4	Design	
Processor lithography	14 nm	Chassis type *	mini PC
Processor operating modes	32-bit, 64-bit	Product colour *	Black
Processor codename	Gemini Lake	Performance	
Thermal Design Power (TDP)	6 W	Audio chip	Realtek ALC283
Scenario Design Power (SDP)	4.8 W	Audio output channels	2.1 channels
Tjunction	105 °C	Product type *	Mini PC
PCI Express slots version	2.0	Software	
Maximum number of PCI Express lanes	6	Operating system installed *	Windows 10 Pro
PCI Express configurations	1x4+1x2, 2x1+1x2+1x2, 4x1	Operating system architecture	64-bit
Number of processors installed	1	Processor special features	
Stepping	B0	Intel 64	✓
Maximum internal memory supported by processor	8 GB	Enhanced Intel SpeedStep Technology	✓
Memory types supported by processor	DDR4-SDRAM, LPDDR4-SDRAM	Embedded options available	✗
Memory clock speeds supported by processor	2400 MHz	Intel VT-x with Extended Page Tables (EPT)	✓
Memory		Idle States	✓
Internal memory *	4 GB	Thermal Monitoring Technologies	✓
Maximum internal memory *	8 GB	Intel® AES New Instructions (Intel® AES-NI)	✓
Internal memory type	DDR4-SDRAM	Intel® Secure Key	✓
Memory layout (slots x size)	1 x 4 GB		
Memory slots	1x SO-DIMM		

Memory		Processor special features	
Memory clock speed	2400 MHz	Intel® OS Guard	✓
Storage		Execute Disable Bit	✓
Card reader integrated	✗	Intel Enhanced Halt State	✓
Total storage capacity *	64 GB	Intel Software Guard Extensions (Intel SGX)	✓
Storage media *	SSD	Processor package size	25 x 24 mm
Optical drive type *	✗	Processor code	SR3RZ
Total SSDs capacity	64 GB	CPU configuration (max)	1
Number of SSDs installed	1	UART	✓
SSD capacity	64 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
SSD interface	PCI Express	Intel Identity Protection Technology version	1.00
SSD form factor	M.2	Intel Secure Key Technology version	1.00
Graphics		Intel Virtualization Technology (VT-x)	✓
Discrete graphics card *	✗	Intel Smart Response Technology version	0.00
Discrete graphics card model *	Not available	Processor ARK ID	128990
On-board graphics card *	✓	Intel® Smart Response Technology	✗
On-board graphics card family	Intel® UHD Graphics	Intel® Turbo Boost Technology	✗
On-board graphics card model *	Intel® UHD Graphics 605	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
On-board graphics card base frequency	200 MHz	Intel® Quick Sync Video Technology	✓
On-board graphics card burst frequency	750 MHz	Intel® Identity Protection Technology (Intel® IPT)	✓
On-board graphics card dynamic frequency (max)	750 MHz	Intel® Anti-Theft Technology (Intel® AT)	✗
Maximum on-board graphics card memory	8 GB	Conflict-Free processor	✓
Number of displays supported (on-board graphics)	3	Power	
On-board graphics card DirectX version	12.0	Power supply *	40 W
On-board graphics card ID	0x3184	Operational conditions	
Number of execution units	18	Storage temperature (T-T)	-20 - 60 °C
Network		Operating relative humidity (H-H)	0 - 85%
Ethernet LAN *	✓	Weight & dimensions	
Ethernet LAN data rates	10,100,1000 Mbit/s	Width *	116 mm
Wi-Fi *	✓	Depth *	112 mm
Top Wi-Fi standard	Wi-Fi 5 (802.11ac)	Height *	44.5 mm
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)	Weight *	555 g
WLAN controller model	Intel Dual Band Wireless-AC 3168	Package weight	1.36 kg
Antenna type	1x1	Packaging content	
Bluetooth	✓	Display included *	✗
Bluetooth version	4.2		

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