

Q27DM VER:1.0 Specification



Q27DM VER:1.0 Front view



Q27DM VER:1.0 IO view



Q27DM VER:1.0 side view

Product No.	Q27DM VER1.0
Processor	Supports 6th/7th/8th/9th Celeron/Pentium/Core™ i3/i5/i7 processors with LGA1151 architecture
Chipset	Using Intel Q270 Express Chipset,
RAM	4*DDR4 UDIMM memory slot, support dual-channel maximum 2666MHz memory, maximum capacity 128GB
Display	Integrated Intel® HD Graphics graphics controller, support DirectX12, OpenGL4.4, support 4K display
Internet	1* VGA interface, support the highest resolution 1920X1200@60Hz
Store	2* HDMI1.4 interface, supports a maximum resolution of 4096X2304 @24Hz
	2* Intel® WGI211AT Gigabit LAN, support Wake-on-LAN, PXE function
	4* SATA 3.0 hard disk interface, SATA interface transmission speed can reach 6Gbps
Audio	1* MSATA interface, support Intel protocol SSD, transfer rate up to 6Gbps
Expansion slot	1* M.2 slot, support M.2 2280 PCIE x4/SATA adaptive standard SSD
	Onboard ALC662 6-channel high-fidelity audio controller, support MIC/Line-out
	1* PCIE x16 slot,
	1* PCIEx8 slot (actually PCIE x4 signal)
	1* PCIEx4 slot (X4 signal when using Q270 south bridge, X1 signal for other south bridges)
	1* PCIE X1 slot
Backplane interface	I/O 3* PCI slot
	5* Mini-PCIE slots, each slot can use PCIE expansion board to expand 4 SATA interfaces and all support WIFI modules, of which MINIPE1 and MINIPE2 can support 4G modules
	1* PS/2 keyboard and mouse interface
	1* VGA display interface
	1*HDMI display interface
	2* DB9 RS232 serial interface, support the 9th pin charged function, COM2 supports RS485/422
	2* RJ45 Gigabit network interface

	2* USB 2.0 interface
Built-in I/O interface	4* USB 3.0 interface
	1* Line out interface (green), 1* MIC interface (red)
	1* PS/2 keyboard and mouse interface 1*6pin same signal as UK1
	1* JVGA interface 1*12pin, same signal as DB15
	1* JHDMI interface 2*8pin,
	8* RS232 serial interface, COM3 supports RS485/422
	1* Front audio interface 2*5pin
	4* USB 2.0 interface 2*5Pin
	1* TPM interface 2*8pin
	1* Front panel function button and indicator port 2*5pin
	2* SIM card slot
Fan interface	1* 8pin ATX power input interface
BIOS	1*4pin CPU intelligent fan interface, 4* 4pin system intelligent fan interface
operating system	64Mb Flash ROM
Watchdog	Windows system/ serve system/linux
Power type	Support hardware reset function (256 levels, 0~255 seconds)
Operating temperature	ATX power input
Storage temperature	0°C ~ 60°C
Working humidity	-20°C ~ 70°C

Ordering Information:

NO.	Model	Processor	Southbridge	Memory	VGA	HDMI	DP	EDP	LAN	USB	COM	RS485/422	Power
1	Q27DM VER:1.0	LGA1151	Q270	4*DDR4	1	2	/	/	2*211AT	10	10	COM2/3	ATX