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B1 Fanless Mini PC Specification

Picture		
Product Model		PB02-GML
PD ID Model		PB02 up to 10W TDP passive cooled
PCB		PCB:114*116*1.2mm (8-layers)
Brief Introduction		PB BOX with powered by DC / Triple display
Key Function		HDMI2.0 4K@60 MINI DP 4K@60 VGA USB3.1 GEN1 X2 TF card USB TYPEC:usb3.1 gen1 WIFI 802.11 AC dual band
Mechanical	Unit dimension (L×W×H)	127*127*38mm
	Unit Material	TBD
Project Status		
HARDWARE SPEC		
Processor	Model	Gemini Lake/Gemini Lake R (subject to BIOs upgrde)
	Architecture	Intel Celeron
	CPU support	N4000/N4100/J4005/J4105, N4020/N4120/J4025/J4125
	CPU Speed	Base 1.1G-2.0G;Turbo burst 2.3G-2.9GHz
	Cache	4MB
	GPU	UHD600 750MHZ
System OS	System OS	WINDOWS 10 Pro Entry/ IOT
DDR	Volume	4GB LPDDR4
Storage	eMMC	32GB/64GB/128GB (TBC)
WiFi Module	Standard/Frequency	M.2 KEY-E; AC7265 AC DUAL-BAND 2X2
DISPLAY Output	Resolution	HDMI2.0 4K@60 MINI DP 4K@60 VGA
Connector	DC CNN	12V/2A
	TYPE C	x1(usb3.1)
	Micro SD / TF Card	×1
	USB3.0 Type A (Host)	x2
	USB2.0 Type A	x2
	HDMI output Type A	x1 (HDMI 2.0)
	DP output (MINI DP)	x1(dp1.2)
	VGA	x1
	RJ45	x1(Gb lan)
	Phone Jack (φ 3.5mm)	x1 (Mic&L/R)
	Antenna	Outside x2;

Connector(inside)	2.5" HDD	x1
	M.2 SSD(M-KEY 2280)	x1(support SATA SSD or NVME SSD)
	M.2 WIFI(E-KEY 2230)	x1(support AC7265 2T2R DUALBAND OR OTHER)
Button / Keys	Power ON/OFF	×1
	BIOS recovery (inside)	x1
Environment	Working temp	0 to 30
	Storage temp	-10 to 40
	Finished good dimension	
	Packaging details	
BIOS	Auto powered on	Yes
	Schedule powered off	Optional
	Schedule powered on	Optional
VESA mount		Optional