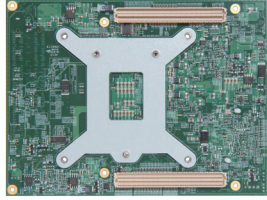
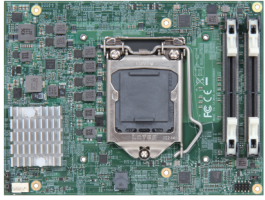


PCOM-B880VG2

COM-HPC® Client Size C 模块计算机
 搭载Intel® 10th Gen socket type 处理器 (Comet Lake-S)
 DDR4 SO-DIMM, DDI, PCIe Gen3, USB 3.2 Gen2,
 2.5 Gigabit TSN Ethernet, discrete TPM 2.0, eDP, SATA III



特点

- 10th Gen Intel® Xeon, Core™ i9/i7/i5/i3, Pentium and Celeron 14nm lithography(Comet Lake-S)
- 2x Non-ECC/ECC SO-DIMM up to 2933MT/s, and up to 64GB capacities
- 2x 2.5G Ethernet with TSN Capability
- 4x USB3.2 Gen 2, 8x USB2.0, 2x SATAIII, 3x DDI, eDP



COM-B880VG2 是Intel® Comet Lake-S platform COM-HPC® Client, Size C 模块。COM-HPC® Client Formfactor 支持更多 I/O 接口和桌面级 CPU 的能力，以满足更广泛的计算需求应用。与移动解决方案相比，模块上的桌面 CPU 可为客户提供更高的计算能力，但成本更低。PCOM-B880VG2 通过不同的PCH SKU (Q470E/W480E) 同时支持ECC和Non-ECC DDR4，可以适应不同的应用。该模块提供一个 PCIe16、四个 USB 3.2 Gen2、两个 SATA III、PCIe 存储和多达 20 个 PCIe x1 通道。

中央处理器与特点

PCOM-B880VG2										
COM HPC Client, Size C										
Product	PCOM-B880VG2									
Form Factor	COM HPC Client, Size C									
CPU SKU	TDP	Core	Threads	Cache	Base Freq	Max Turbo Freq	Max Memory MT/s	W480E	Q470E	ECC
Xeon W-1250E	80W	6	12	12MB	3.5GHz	4.7GHz	2933 MT/s	Yes	No	Yes
Xeon W-1290TE	35W	10	20	20MB	1.8GHz	4.5GHz				
Xeon W-1270TE	35W	8	16	16MB	2.0GHz	4.4GHz				
Xeon W-1250TE	35W	6	12	12MB	2.4GHz	3.8GHz				
i9-10900TE	35W	10	20	20MB	1.8GHz	4.5GHz				
i7-10700TE	35W	8	16	16MB	2.0GHz	4.4GHz				
i5-10500E	65W	6	12	12MB	3.1GHz	4.2GHz	2666 MT/s	Yes	Yes	No
i5-10500TE	35W	6	12	12MB	2.3GHz	3.7GHz				
i3-10100E	65W	4	8	6MB	3.2GHz	3.8GHz				
i3-10100TE	35W	4	8	6MB	2.3GHz	3.6GHz	2400 MT/s	No	No	No
Pentium G6400E	65W	2	4	4MB	3.8GHz	3.8GHz				
Pentium G6400TE	35W	2	4	4MB	3.2GHz	3.2GHz				
Celeron G5900E	65W	2	2	2MB	3.2GHz	3.2GHz				
Celeron G5900TE	35W	2	2	2MB	3.0GHz	3.0GHz				

I/O 界面

SATA	2 x SATA III		
NVME	2x PCIe NVME Gen3 x4, with Intel® RST		
USB	4x USB 3.2 Gen2 8x USB 2.0		
Ethernet	Intel® I225LM x2		
AUDIO	HDA		
Serial I/O	GPIO	12 bit GPIO (default 6 input / 6 output)	
	I ² C	Baud Rate : 400KHz	
	SMBus	Baud Rate : 100KHz	
	eSPI		
	UART	2x TX/RX signal only	
PEG	1x Gen3 x16 (Group 1) (Bifurcation Support: 2 x8, or 1x8 + 2x4)		
PCI Express	8x Gen3 x1 (Group 0 Low) 2x Gen3 x4 (Group 0 High) 1x Gen3 x4 (Group 2, #32 ~ #35)		
Display	Default	Options	Resolution
	eDP 1.4		4096 x 2304@60Hz
	DDI 1, 2, 3	DP 1.4	4096 x 2304@60Hz
		HDMI 2.0a	4096 x 2160@60Hz
HDMI 1.4		4096 x 2160@30Hz	
Security	TPM 2.0		

PCOM-B880VG2

机构与环境

尺寸	160mm x 120mm
直流电输入	Normal: +12V DC AT/ATX mode
储存温度	0°C to 60°C
运作温度	0°C to 60°C
认证	Contact us
MTBF	TBD
震动	TBD
操作系统	Windows 10 Ubuntu, CentOS

订购指南

产品	Ordering P/N	Status
PCOM-B880VG2-W480E	AB1-3L36	Available
PCOM-B880VG2-Q470E	AB1-3L35	Available

Accessory	Ordering P/N	Status
Cooler 125W	B9971030	Available
Cooler 80W	B9971060	Available
Cooler 35W	B8304610	Available
PCOM-C880 (ATX carrier board)	AB1-3L34Z	In Development

图表

