

Customer Requirements Collection Form(X86 Version)					Ver 1.2-20200620											
Project Content		Project Number			Note											
Company Name		Project Time Range														
Industry PC Type		Motherboard			Mini PC	Box PC	Rackmount	Panel PC	Laptop							
Thermal Solution(Important)		With Fan			Fanless											
Chassis Dimension		Rackmount			Server		Short 1U	1U	2U	3U	4U	4U+	Other			
					NetSecurity		Short 1U	1U	MiniITX	Other						
					MINI PC		MiniITX	MicroATX	ATX	Other						
					Box PC		12x12	10x10	8x8	Other						
					Other											
Motherboard(For Desktop CPUs)		Chipest			Size		MiniITX	MicroATX	ATX	E-ATX	PC104	PicoITX	2.5"	3.5"	Other	
					4th/5th Gen		H81	H88	B85	Z97						
					6th/7th Gen		H110	B150(B250)	Q170(Q270)	Z170(Z270)	H310C					
					8th/9th Gen		H310	H310C	B360	B365	Q370	Z370	Z390			
					10th Gen		H410	B460	Q470	Z490						
CPU	Series			Base Frequency	TDP (Lower than 35W could be used in Fanless Thermal Solution)		Cores/Threads									
Intel	Core	3rd Gen. 5th Gen. 7th Gen. 9th Gen. Gen. X Series	4th Gen. 6th Gen. 8th Gen. 10th	i3 i5 i7	1.3GHz~4.0GHz	15W~165W		2/2	2/4	4/4	4/8	6/6	6/12	8/8	8/16	
								10/20	12/24	14/28	16/32	18/36				

	Atom	C Series N Series	D Series X Series	E Series Z Series	1.04GHz~2.4GHz	3W~32W	2/2 2/4 4/4 8/8 16/16 24/24		
	Celeron	G Series 1000 Series 3000 Series 5000 Series	J Series 2000 Series 4000 Series	N Series	1.0GHz~3.5GHz	4W~58W	2/2 4/4		
	Pentium	Gold Series G Series 1000 Series 3000 Series	Silver Series J Series 2000 Series 4000 Series	D Series N Series	1.2GHz~4.2GHz	4W~58W	2/2 2/4 4/4 4/8		
	Xeon	E Series E3 Series Scaleable Series	W Series E5 Series	D Series E7 Series	1.3GHz~4.1GHz	25W~400W	2/4 4/4 4/8 6/6 8/8 6/12 8/16 10/20 12/24 14/28 16/32 18/36 20/40 22/44 24/48 26/52 28/56 32/64 48/96 56/112		
AMD	Embedded	V-Series	R-Series		1.2GHz~3.35GHz	6W~54W	2/2 2/4 4/8		
RAM					DDR3/DDR3L			1333 1600 1866	
					DDR4			2133 2400 2666 2933 3200	
					Platform			DIMM SO-DIMM	
					Capacity			2GB 4GB(4GB*1) 4GB(2GB*2) 8GB(8GB*1) 8GB(4GB*2) 16GB(16GB*1) 16GB(8GB*2) 32GB(16GB*2)	
Storage					HDD	Type	3.5" SATA 2.5" SATA		
						Capacity	500GB 1TB 2TB 3TB 4TB		
						RPM	5400RPM 7200RPM		
					SSD	Type	2.5" SATA M-SATA M.2(SATA) M.2(PCIe) eMMC		
						Capacity	32GB 64GB 120(128)GB 240(256)GB 480(500 512)GB 960GB 1TB 1TB+		
						M.2 Lenth	2242 2260 2280 22110		
Environment Requirement					Commercial grade: 0~70°C				
					Industrial grade: -20~85°C				
					Vehicle grade: -40~+125°C				
Network					Lan	Type	GbE 10GbE 25GbE		
						Interface	RJ45 SFP		
						Quantity	1 2 3 4 5 6 6+		
					Wireless	Type	2.4G 2.4G+5G 2.4G+5G+Bluetooth		
						Interface	Intergrated MiniPCIe M.2		

			Antenna	None	1	2							
Display(for Integrated GPU)		Type		VGA	DVI	HDMI	Display Port	LVDS	eDP				
		Quantity		1	2	3	4	4+					
		Output Resolution		720p	1080p	1440p	2160p						
		Freshrate		30Hz	60Hz								
GPU(for Discrete graphics)		Quantity		1	2	3	4	4+					
		PCIe	Height		Full	Half							
			Lenth		Full	Half							
			Slots		Single	Dual	Triple						
			Thermal Solution		Fan	Fanless							
		MXM	Type		Type A(70*82mm)		Type B(105*82mm)						
		Output	VGA		_____								
			DVI		_____								
			HDMI		_____								
			DP/MiniDP		_____								
V-MEM	Type		GDDR5	GDDR6									
	Capacity		1GB	2GB	3GB	4GB	5GB	6GB	8GB	11GB	12GB		
Power	Independent power supply		Yes	No									
USB		Version		USB 2.0	USB 3.0	USB 3.1							
		Type		Type A	Type C								
		Quantity-Frontpanel		_____									
		Quantity-Rear I/O		_____									
		Quantity-OnBoard		_____									
Connection Port	Type		RS232	RS422	RS485								
	Quantity-Frontpanel		_____										
	Quantity-Rear I/O		_____										
	Quantity-OnBoard		_____										
Audio		Channels		2.1	4.1	5.1							
		Combo Ports(Mic+Speaker)		Yes	No								
Camera(Laptop/Panel PC)		Resolution		480P	720P								
Functional Module		RFID		Yes	No								
		Bluetooth		4.0	5.0								
		4G/5G Module		Country:_____									
Display Screen		Laptop	Screen Size		13.3"	14.1"	15.6"	17.3"					
			Resolution		1366*768	1440*900	1920*1080						
		Panel PC	Screen Size		5"	7"	8"	10.1"	15"	18.5"	21.5"	Other size_____	

		Resolution	800*600 1280*720 1280*800 1920*1080 Others:_____
		Screen Type	Commercial grade Industrial grade
		Luminance	250~300 nit 500 nit 800 nit or above
		Touch Panel Type	Commercial grade Industrial grade Other:_____
		Touch Panel Hardness Level	_____
Power Supply		Type	ATX 1U Flex 1U SFX DC input POE Type-C input Others:_____
		Watts	_____W
		80Plus Efficiency	Bronze Silver Gold Platinum
	Internal battery	Battery volume	_____Wh
		Running time	_____Hrs
Dust/Water Proof		IP Level	_____
Operation System	Windows	Version	7 8 8.1 10
		Bits	32 64
	Linux	Debian	Version:_____
		CentOS	Version:_____
		Yocoto	Version:_____
		Ubuntu	Version:_____
Package	Type	Neutral With Logo	
	Packaging	Standard Customized	
Certification		3C CE FCC UL RoHS Others:_____	
Other Requirements			