



IO

BIOS

CSTIPC

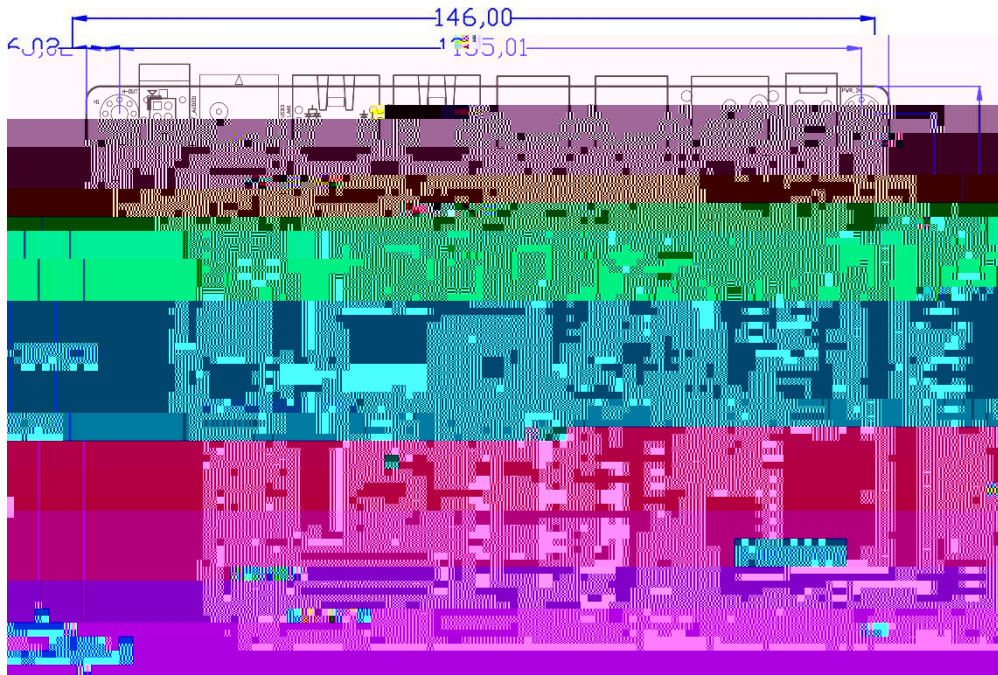
RH

V

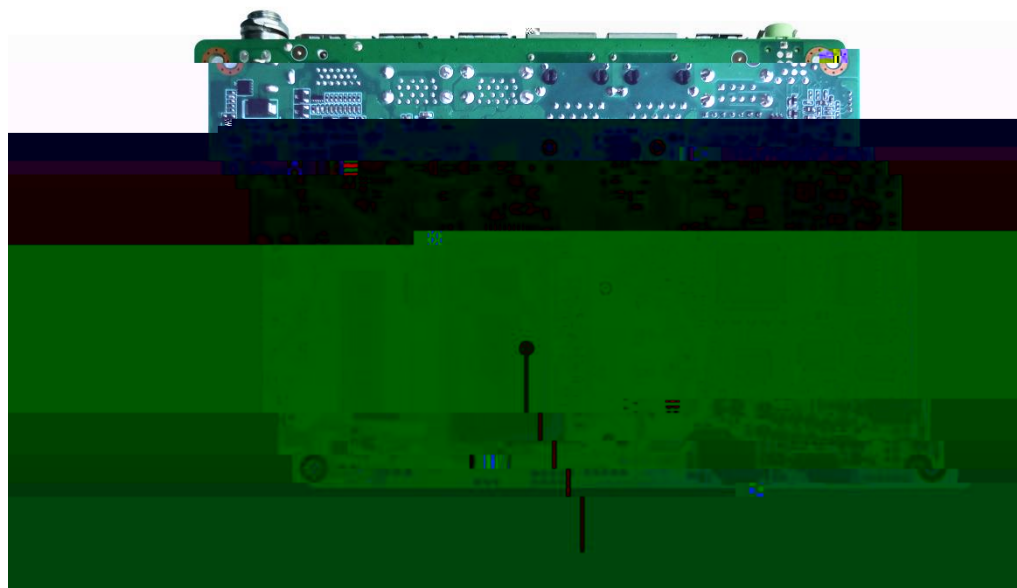
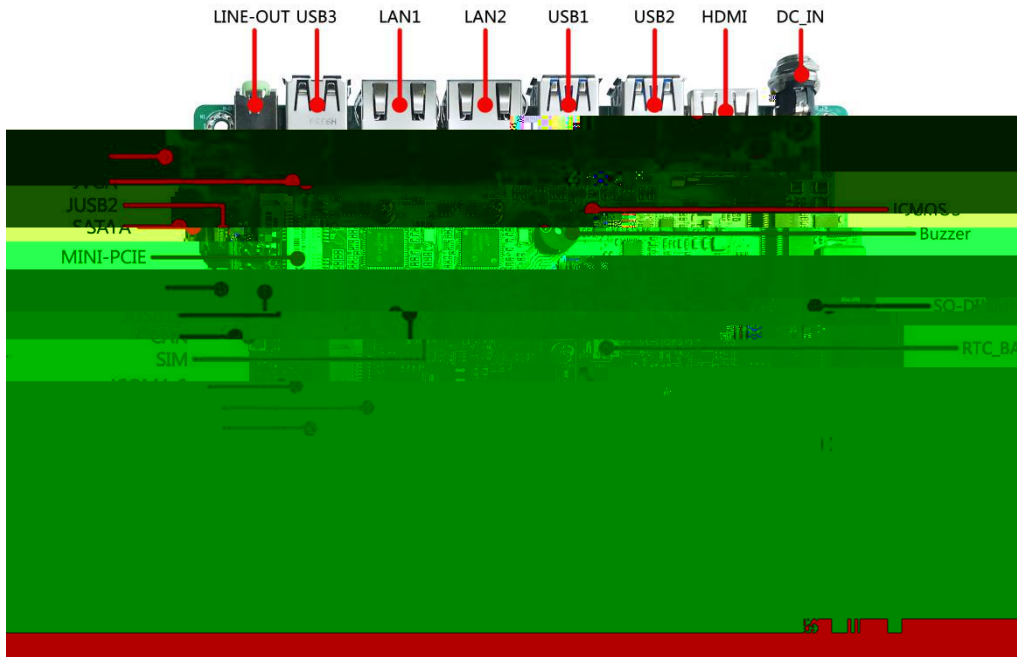
K U	TK	In el		Whiske	Lake U
U i		U i	U	mm	
		DDR	SO DIMM		GB
HDMI	LVDS	eDP		K	VGA
					Line o
MIC IN		W		SATA	mSATA
	In el			Mini PCIE	SIM
WIFI	G	G	USB		COM
RS			CAN	GPIO	
					V

	In el	Whiske	Lake U		
HDMI	VGA	LVDS	eDP	K	
	IO		LAN	COM	USB
					CAN

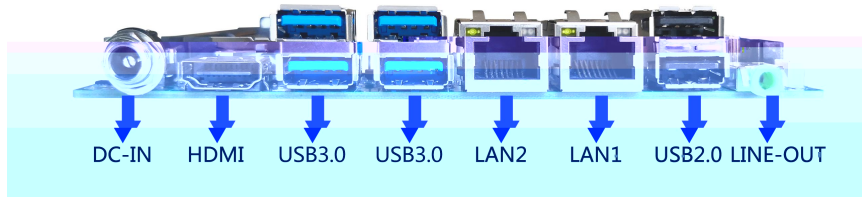
	In el Celeron U i U i U
	DDR MT s Ma GB
Bios	SPI AMI EFI bios
	VGA HDMI b LVDS eDP
	RJ — In el I AT
	LINE OUT F AUDIO LINE OUT Co la SPK— W
SATA	SATA mSATA
COM	COM
	USB USB CAN GPIO Mini PCIE WIFI G
	DC Jack PIN V
	mm la er
	WIN Uni Lin
	RH



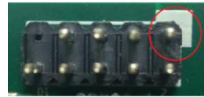
mm

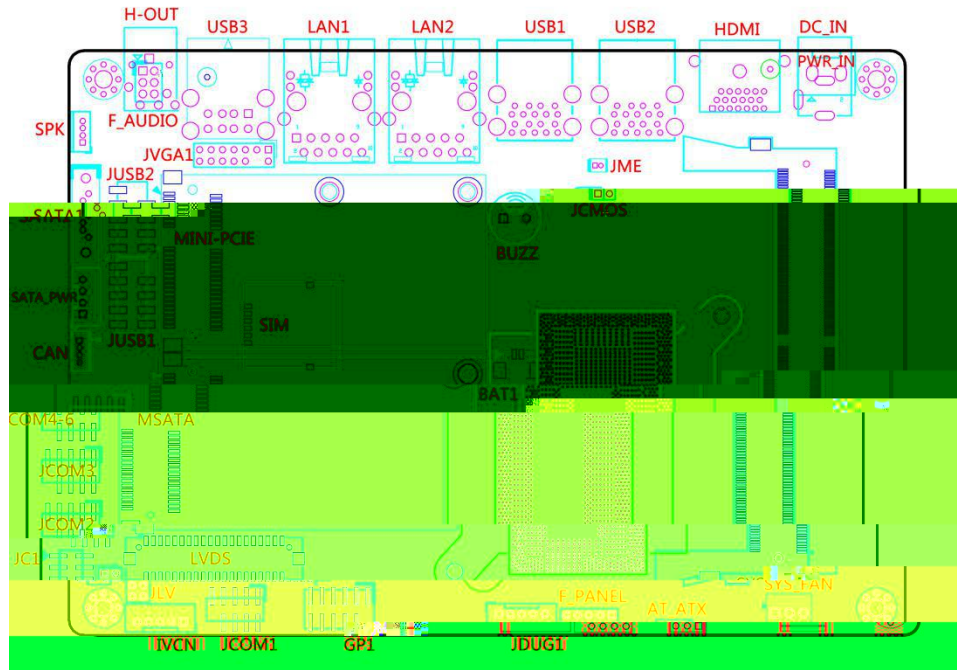






PIN







JME	P		ME
JCMOS	P	CMOS	
COM	BIOS	RS	

COM	JC

		HDD LED		PWR LED	
		HDD LED		PWR LED	
		GND		PWRSW	
		Rese		GND	
		NC			
		VCC		VCC	
		DT		DT	
		DT		DT	
		GND		GND	
				GND	
		L			
		L			
		R			
		R			
		GND		V	
		RED			
		GND		CLK	
		GREEN		DATA	
		GND		VSYNC	
		BLUE		HSYNC	
		GND		GND	
		SIGNAL			
		PWRBTSW			
		NC			
		V			
		GND			
		GND			
		V			
		GND			
		V			

		DCD		RX	
		TX		DTR	
		GND		DSR	
		RTS		CTS	
		RI			
		TX		GND	
		RX		TX	COM TX RX GND
		GND		RX	COM TX RX GND
		TX		GND	COM TX RX GND
		RX			
		VCCSEL		RI	
		VCCSEL		V	pin V
		VCCSEL		V	pin V
		V			
		GPIO		GPIO	
		GPIO		GPIO	
		GPIO		GPIO	
		GPIO		GPIO	
		GND		GND	
		CAN L			
		CAN H			
		CAN GND			
		NC			
		SWCLK MCU			
		GND			
		SWDIO MCU			
		RST MCU			
		JTDO			

3

		V		JC IN	V
		V		JC IN	V
		V		JC IN	V
		V			
		GND			
		BKLT ON			
		BKLT PWM			
		V			
		VCC		VCC	
				GND	
		GND		GND	
		LVDS TX		LVDS TX	
		LVDS TX		LVDS TX	
		LVDS TX		LVDS TX	
		LVDS TX		LVDS TX	
		LVDS CLK		GND	
		LVDS CLK		LVDS TX	LVDS EDP
		DETECT		LVDS TX	LVDS
		LVDS TX		LVDS TX	P DETECT
		LVDS TX		LVDS TX	
		LVDS TX		LVDS CLK	
		LVDS TX		LVDS CLK	
		GND		GND	
		EDP		EDP	
		EDP		EDP	
		GND		AUX	
		HPD		AUX	

BIOS

Ap io Se p U ili						
Main	CSTIPC	Ad anced	Chipse	Boo	Sec ri	Sa e E i
S s em Lang age						English
S s em Time						English
S s em Da e						English
F	Help	Selec I em		Change Val es	F	Se p Defa l s
Esc	E i	Selec Men		En er Selec S b Men	F	Sa e and E i

S s em Time

S s em Da e



LVDS

BIOS CSTIPC LCD Se ing

Ap io Se p U ili			
CSTIPC			
Ac i e LFP	Enable LVDS	Item Specific Help	
Primar IGFX Boo Displa	VBIOS Defa l		
Secondar IGFX Boo Displa	Disable		
IGD Fla Panel			
LVDS Panel Parame er	LVDS Bi CH		
LVDS PWM			
LVDS SSC			
F Help	Selec Item	Change Val es	F Se p Defa l s
Esc E i	Selec Men	En er Selec S b Men	F Sa e and E i

Ac i e LFP " Enable LVDS" LVDS  
 LVDS Panel Parame er LVDS  
 IGD Fla Panel LVDS  
 LVDS PWM

BIOS CSTIPC AC Po er Loss Se ing  
" Po er ON" " Po er Off"

Ap io Se p U ili			
CSTIPC			
Res ore AC Po er Loss	Po er off	I em Specific Help	
<div style="border: 1px solid black; padding: 5px; display: inline-block;">             Power Off              Power On              Last State           </div>			
F Help	Selec I em	Change Val es	F Se p Defa l s
Esc E i	Selec Men	En er Selec S b Men	F Sa e and E i

BIOS CSTIPC Wa chdog Se ing Wa chdog  
Se ing

Ap io Se p U ili			
CSTIPC			
Wa chDog Se ing	Disabled	I em Specific Help	
<div style="border: 1px solid black; padding: 5px; display: inline-block;">             Di sabl ed              10 S              20 S              30 S           </div>			
F Help	Selec I em	Change Val es	F Se p Defa l s
Esc E i	Selec Men	En er Selec S b Men	F Sa e and E i

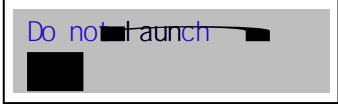
BIOS CSTIPC S RTC Wake Se ing Wake s s em i h Fi ed  
Time " Enable"

Ap io Se p U ili			
CSTIPC			
Wake s s em i h Fi ed Time	Disabled	I em Specific Help	
<div style="border: 1px solid black; padding: 5px; display: inline-block;">                 Di sabl ed Enabl ed             </div>			
F Help	Selec I em	Change Val es	F Se p Defa l s
Esc E i	Selec Men	En er Selec S b Men	F Sa e and E i

Ap io Se p U ili			
CSTIPC			
Wake s s em i h Fi ed Time	Enabled	I em Specific Help	
Wake p ho r			
Wake p min e			
Wake p second			
F Help	Selec I em	Change Val es	F Se p Defa l s
Esc E i	Selec Men	En er Selec S b Men	F Sa e and E i

ok

BIOS CSTIPC LAN PXE Se ing Ne ork  
" LAN " PXE

Ap io Se p U ili			
CSTIPC			
Ne ork	Do no la nch	I em Specific Help	
			
F Help	Selec I em	Change Val es	F Se p Defa l s
Esc E i	Selec Men	En er Selec S b Men	F Sa e and E i

BIOS CSTIPC SATA Model Se ing SATA Mode Selec ion

Ap io Se p U ili			
CSTIPC			
SATA Mode Selec ion	AHCI	I em Specific Help	
F Help	Selec I em	Change Val es	F Se p Defa l s
Esc E i	Selec Men	En er Selec S b Men	F Sa e and E i

Raid SATA Mode Slec ion In el RST Premi m  
Chipse SATA And RTS Config ra ion Sof are Fea re Mask Config ra ion



bios                      bios  
 BIOS                      CSTIPC                      Special Se ing                      BIOS Lock  
 " Disable"

Ap io Se p U ili			
CSTIPC			
BIOS Lock	Enable	I em Specific Help	
<div style="border: 1px solid black; padding: 5px; display: inline-block;">           Disable            Enable         </div>			
F Help	Selec I em	Change Val es	F Se p Defa l s
Esc E i	Selec Men	En er Selec S b Men	F Sa e and E i

BIOS                      boot

          Ap io Se   p U ili

Main    CSTIPC    Ad anced    Chipse    **Boo**    Sec ri    Sa e   E i

Boo Config ra ion                                      I em Specific Help

Se p Promp Timeo

Boo p N mLock Sa e                                      On

Q ie Boo    Disable

Boo Op ion Priori ies

Boo Op ion    Kins ongDa aT

Boo Op ion    UEFI Kings o

Boo Op ion    UEFI B il

Hard Dri e BBS Priori ies

CSM   Parame ers

F   Help                      Selec I em



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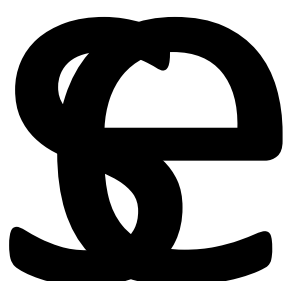
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i

BIOS    Chipse    S s ems Agen    Config ra ion    Graphics  
 Config ra ion    DVMT

Ap io Se p U ili	
Chipse	
Graphics Config ra ion	I em Specific Help
IGFX VBIOS Version	
IGf Freq enc	MH
Graphics T rbo IMON C rren	
Aper re Si e	MB
DVMT Pre Alloca ed	M
DVMT To al Gf Mem	M
Gf Lo Po er Mode	Enable
	<div style="border: 1px solid black; padding: 5px; width: fit-content;">                     128MB                      256MB                      512MB                 </div>
F Help	Selec I em
Esc E i	Selec Men
	Change Val es
	En er Selec S b Men
	F Se p Defa l s
	F Sa e and E i

" MAX

GB

GB



BIOS CMOS Advanced Hardware Monitor

Application Utility				
Advanced				
Pc Health Status				Item Specific Help
CPU Temp				
System Temp				
SYS FAN Speed		RPM		
VCORE		V		
V		V		
V		V		
VDIMM		V		
VSB		V		
F Help	Select Item	Change Values	F Set Defaults	
Esc Exit	Select Menu	Enter Select Sub Menu	F Save and Exit	

bios

CPU

CPU

CPU

CPU

CPU

BIOS

Sec ri

Ap io Se p U ili						
Main	CSTIPC	Ad anced	Chipse	Boo	Sec ri	Sa e E i
Pass ord Descrip ion					I em Specific Help	
<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> <p>Create New Passwørd</p> <p>—</p> </div>						
Adminis ra or Pass ord						
User Pass ord						
F	Help	Selec I em	Change Val es		F	Se p Defa I s
Esc	E i	Selec Men	En er	Selec S b Men	F	Sa e and E i

BIOS Sa e E i

Ap io Se p U ili						
Main	CSTIPC	Ad anced	Chipse	Boo	Sec ri	Sa e E i
Sa e Changes and E i					I em Specific Help	
Discard Changes and E i						
Sa e Changes and Rese						
Discard Changes and Rese						
Sa e change						
Discard change						
Res ore Defa l s						
Sa e as User Defa l s						
Res ore User Defa l s						
Boo O erride						
Kings oneDa aTra eler						
UEFI Kings oneDa aTra eler						
UEFI B il in EFI shell						
La nch EFI Shell from files s em de ice						
F	Help	Selec l em		Change Val es	F	Se p Defa l s
Esc	E i	Selec Men	En er	Selec S b Men	F	Sa e and E i

BIOS

BIOS

BIOS