

15" Fanless Full IP65/NEMA4 Panel PC (Intel® Celeron M Platform)

Stainless Chassis

MODEL #: R15I53S-65C3

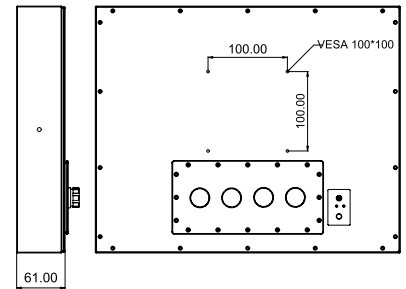
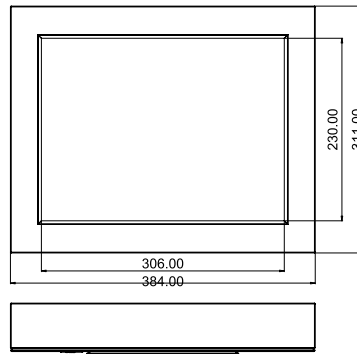
Mechanical Design



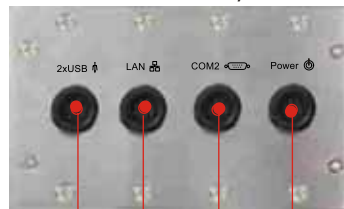
Standard:
brushed stainless



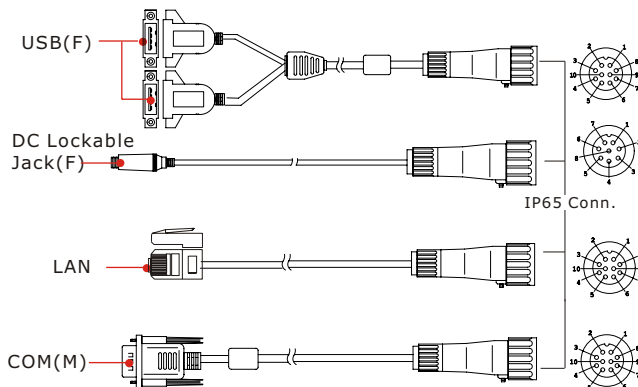
Optional:
black, high polish,
varnished coating



IP65 connector / cable



2 x USB LAN COM2 Power



Pin Define Table					
cable type	10pin conn.		A Type Female		A Type Female
	Pin No.	Symbols	Pin No.	Symbols	Pin No. Symbols
USB	1	VCC	1	VCC	
	3D	-	2	D-	
	5D	+	3	D+	
	7	GND	4	GND	
	9N	C			
	2	VCC			1 VCC
	4D	-			2 D-
	6D	+			3 D+
	8	GND			4 GND
	10	NC			

* Note: this is a simplified drawing and some components are not marked in detail. Please contact our sales representative if you need further product information.

Pin Define Table					
cable type	10pin conn.			D-Sub 9Pin	
	Pin No.	Symbols		Pin No.	Symbols
RS232	1	DCD-CON2	↔	1	DCD-CON2
	2	DSR-CON2	↔	6	DSR-CON2
	3	RXD-CON2	↔	2	RXD-CON2
	4	RTS-CON2	↔	7	RTS-CON2
	5	TXD-CON2	↔	3	TXD-CON2
	6	CTS-CON2	↔	8	CTS-CON2
	7	DTR-CON2	↔	4	DTR-CON2
	8	RI-CON2	↔	9	RI-CON2
	9	GND-CON2	↔	5	GND-CON2
	10	NC	↔	10	NC

Pin Define Table					
cable type	8pin conn.			DS-026 DC Jack	
	Pin No.	Symbols		Pin No.	Symbols
POWER	1	VCC	↔	1	VCC
	2	VCC	↔	1	VCC
	3	GND	↔	2	GND
	4	GND	↔	2	GND
	5N	C	↔		
	6N	C	↔		
	7	GND	↔	2	GND
	8	GND	↔	2	GND

Pin Define Table					
cable type	10pin conn.		US PLUG 8P8C 3U"		
	Pin No.	Symbols	Pin No.	Symbols	
LAN	1		1		
	2		2		
	3		3		
	4		4		
	5		5		
	6		6		
	7		7		
	8		8		
	9	NC	9	NC	
	10	NC	10	NC	

System Specifications

TFT Characteristics :

- Resolutions : 1024 x 768
- Brightness : 250 cd/m² (typ.)
- Contrast Ratio : 700 : 1(typ.)
- Viewing Angles : -70~70(H); -65~60(V)
- Max Colors : 16.2M

SBC Specifications :

- Processor : Intel Celeron M 1.0 GHz
- BIOS : Award 4Mbit Flash
- System Chipset : Intel 855GME + ICH4
- Memory Slot : 1 x SO-DIMM, Max 1GB DDR200/266/333
- Graphic Chipset : Intel 855GME Integrated (64MB shared)
- IDE : 1 x 44pin IDE (UDMA 33/66/100)
- KB/Mouse : 2 x PS/2
- Ethernet : 2 x RJ-45
- Audio : Built in AC97 codec
- USB : 4 x USB2.0 (2 x USB internal)
- Serial : 4 x RS232 (3 x RS232 internal)
- Expansion Slot : 1 x Mini PCI (internal)
- Power Input : DC-IN (Lockable, Power Jack)
- Certification : CE, FCC, RoHS

* A customized housing is needed if you would like to have the PCI expansion.

Power Specifications :

- Power Input : 12V DC IN (Lockable Power Jack)
- Power Consumption : 65W (typ.)(Max.backlight & high CPU load)

Accessories :

- External Power Supply 90W w/power cord

Environment Considerations :

- Operating Temperature : 0 deg.C to 45deg.C
- Operating Humidity : 30% to 90% (non condensing)

Input/ Output Connectors :

- Ethernet LAN : 1 X RJ45-10/100/1000 Mbps
- COM : 1 X RS232
- USB : 2 x USB Type-A Receptacle
- Power : 1 X 12VDC

Order Options :

SBC	PANEL PC
RAM : 512 MB DDR(Optional) 1 GB DDR(Optional)	Mechanical : Stainless Chassis Touch : 5 Wires Resistive(Optional)
Storage : 2.5"80 GB HDD* 1 GB Compact Flash(Optional)	OS : Windows XPE(Optional) Windows XP (Optional) Linux(Optional)
* Default	



Rev.	Reasons	Revised Date
1.1	Spec Change	Dec-02-08
1.2	Drawing Change	Dec-03-08
1.3	Drawing Change	Dec-23-08

Note: All Specifications are subject to change without prior notice!

Revised Date:12/23/2008