

# CPCPU41 CPU Card

CompactPCI CPU Card

## ■ Summary



<b>*Processor</b>	: Intel Corei7-4700EQ(Haswell) processor (1.5 GHz)
<b>*Main memory</b>	: DDR3-1600 Unbuffered SO-DIMM With ECC (Capacity 2GB)
<b>*User Interface</b>	
Indicator	: 2 : PWR、ACT : 1 : 7 segments LED
Switch	: RST : For hardware reset(Pushbutton type) : ABO : For program abort (Pushbutton type)
SD Card slot	: 1(SD2.0 / SDHC , SDXC , MMC)
GIGA-Ethernet	: 1(1000base-T/100base-TX/10base-T)
USB Connector	: 1(For maintenance communication mini-B) : 2(USB2.0)
Display Port	: 1

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## ■ Specifications

ITEM		SPECIFICATION	
Main parts	Processor	Intel Corei7-4700EQ(Haswell) processor (1.5GHz)	
	Chipset	Intel QM87	
	Main memory	DDR3-1600 Unbuffered SO-DIMM With ECC (Capacity 2GB) 1 slot (Max 8GB) Support DIMM: 2GB Support Operating voltage 1.35V	
	Flash memory	SPI Flash (128Mbit)	
User Interface	SD Card slot	1(SD2.0 / SDHC , SDXC , MMC)	
	USB Connector	1(For maintenance communication mini-B*1) 2(USB2.0)	
	Display Port	1 port (Standard Display Port Connector) Full High Definition support	
	GIGA-Ethernet	1(1000base-T/100base-TX/10base-T)	
Backplane interface	PCI bus	Compact PCI 2.0R2.1 (32bit/33MHz/5V) 7 Bus master support	
Indicator		2:PWR , ACT 1:7 segments LED	
Switch		2:RST , ABT	
Cooling mechanism		heat sink	
Compatible chassis		CPCHS01 , CPCHS02 , CPCHS11*2 , CPCHS21 , CPCHS24	
Supply power supply		DC5V±5% , DC3.3V±5%	
Battery		Lithium battery	
Environmental conditions	Module ambient temperature	(Operating) 0 to 60°C	(Storage) -5 to 60°C
	Module ambient humidity	10 to 95%RH (No condensation)	
Power consumption		37W(Max)	
Weight		380g	
Dimensions		174mmD × 128mmH × 40mmW (3U×2slot)	
Standard/Directive		RoHS	

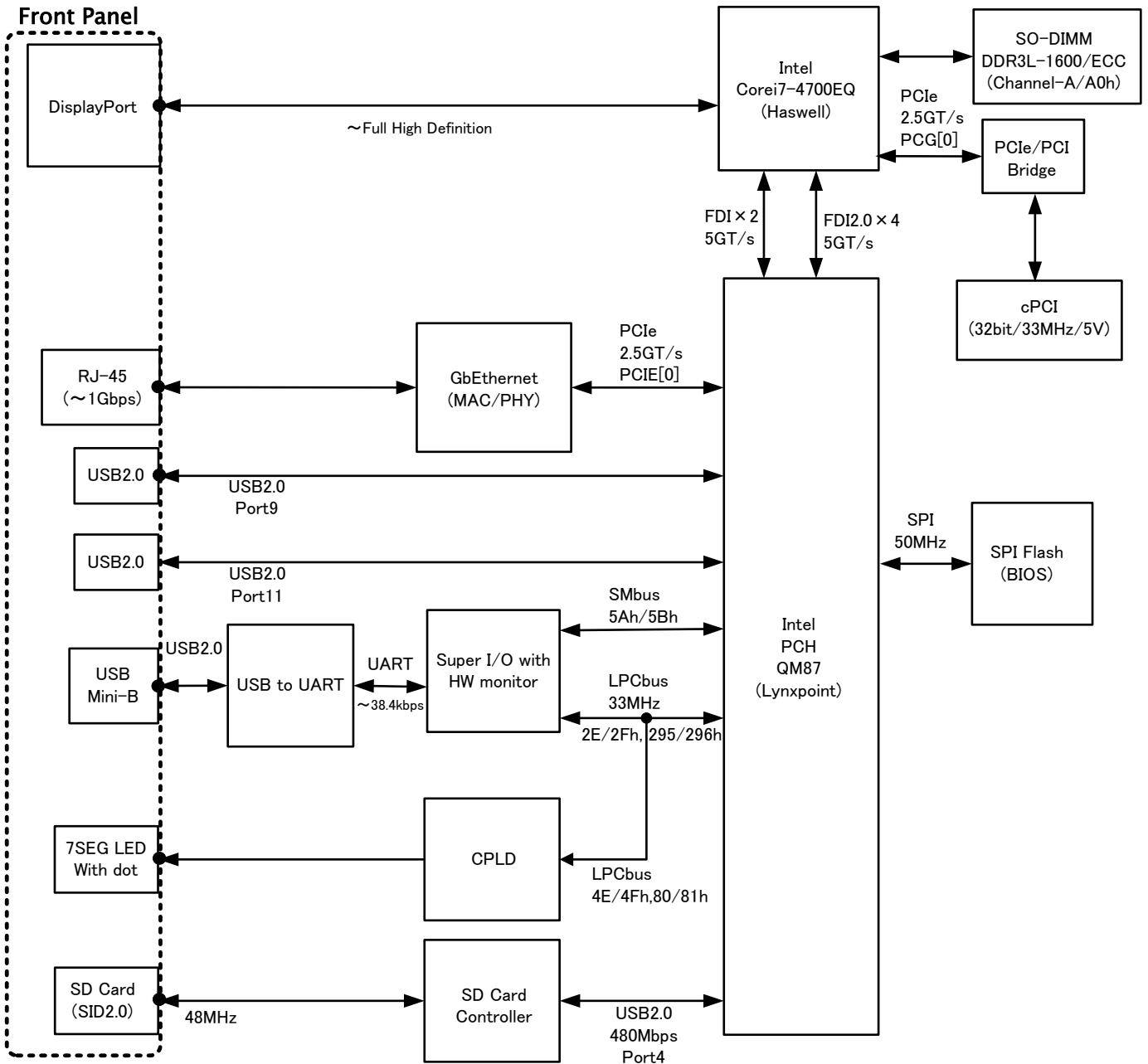
\*1 Connect the USB connector of the PC to the USB connector (mini-B) on the front panel of the CPCPU41 card.  
For the location of the USB connector of CPCPU41, refer to the DIASYS Netmation User's Guide "DUM-I1E09 MPS Instruction Manual".

\*2 The CPCHS11 is a 6U size, so when installing this product, attach a special blank panel (MPS 3U conversion adapter: CSMCV01).

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■ Block diagram



When using, please read the instruction manual attached to the product carefully and use it properly.

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