

CPCPU41 CPU Card

CompactPCI CPU Card

■ Summary



*Processor	: Intel Corei7-4700EQ (Haswell) processor (1.5 GHz)
*Main memory	: DDR3-1600 Unbuffered SO-DIMM With ECC (Capacity 2 GB)
*User Interface	
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 (1.5 GHz)	
	Chipset	Intel QM87	
	Main memory	DDR3-1600 Unbuffered SO-DIMM With ECC (Capacity 2 GB) 1 slot (Max 8 GB) Support DIMM: 2 GB Support Operating voltage 1.35 V	
	Flash memory	SPI Flash (128 Mbit)	
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 (32 bit/33 MHz/5 V) 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		DC 5 V ±5%, DC 3.3 V ±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		37 W (Max)	
Weight		380 g	
Dimensions		174 mm (D) × 128 mm (H) × 40 mm (W) (3U × 2 slot)	
Standard/Directive		RoHS	

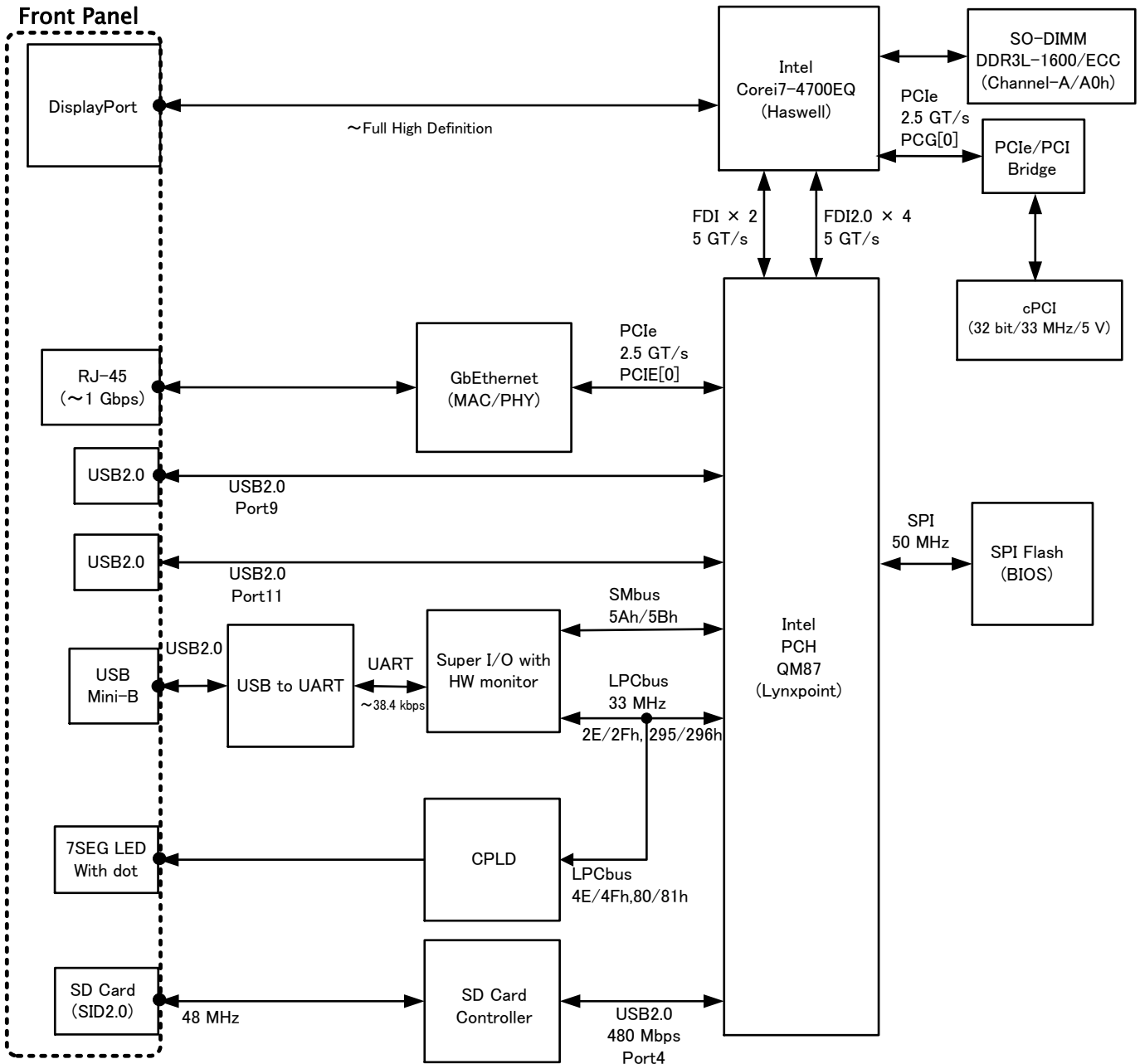
*1 Connect the USB connector of the PC to the USB connector (mini-B) on the front panel of the CPCPU41 card.
For the location of the USB connector of CPCPU41, refer to the DIASYS Netmation User's Guide "DUM-I1E09 MPS Instruction Manual".

*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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