CBS-IM77

1U High Performance CUDA Solution



Features

- Intel® 2nd, 3th, generation multi-core CPU support
- Various high performance graphic cards for option
- Flexible combination for different usage
- Slim and compact chassis design
- Easy maintenance and assembly
- Enabling low-power and innovative small form factor design
- NVIDIA® Optimus™ support (optional)
- Temperature 0° C ~ 60 ° C

Specifications

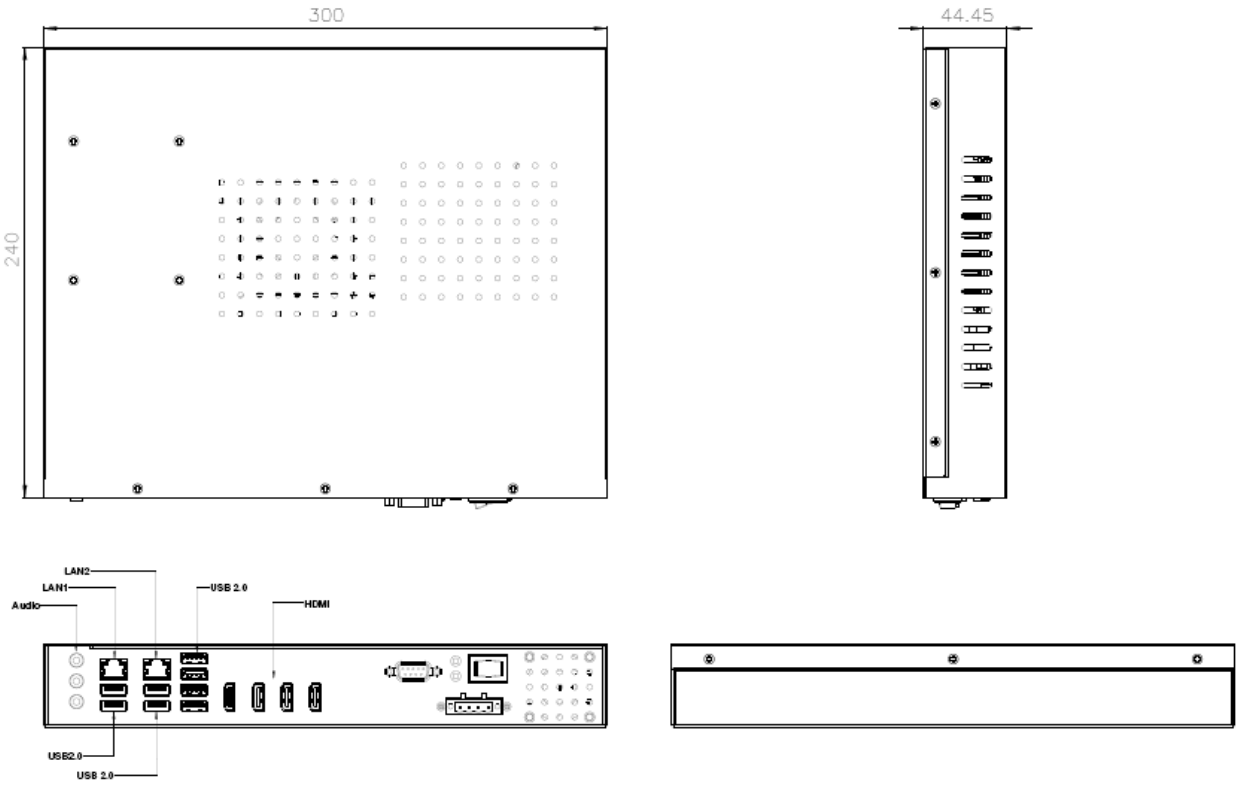
Graphic Card Model		AEGX-N0D3-40	AEGX-A5T8-40	AEGX-A5T7-40
Processor System	CPU	2nd & 3rd Gen Intel® Core™ i7/ i5/ i3/ Pentium®/ Celeron® Processor (up to 35W)		
	System Chipset	Intel® QM77		
Memory	Technology	2 x DDR3 1333/1600 MHz SDRAM SO-DIMM (up to 16GB)		
Display	Type	M x M 3.0 TDP <55W		
	Chipset	NVIDIA GeForce ™ GT740	AMD Radeon™ E8860	AMD Radeon™ E6760
	Memory Configuration	2GB GDDR5	2GB GDDR5	1G PCI-E
	Output	4 x HDMI	4/6 x HDMI	4/6 x HDMI
Storage		2 x SATA III (without RAID), 2 x SATA II		
Ethernet	LAN1	Intel 82579LM GbE (with iAMT)		
	LAN2	Intel 82583V GbE		
Audio	Chipset	Realtek ALC892		
I/O Interface	Expansion Slots	1 x Mini PCI-E socket, 1 x MXM slot (3.0)		
	Internal I/O	1 x PS/2, 1 x LPT, 1 x RS32, 1 x LVDS, 1 x VGA, 2 x USB2.0 (2 x 5 pins), 1 x DIO (2 x 6 pins),		
	Front I/O	1 x Power Button, 1 x Indicate LED for Power, 2 x USB 2.0		
	Rear I/O	4/6 x HDMI, 2 x RJ45, 4 x USB3.0, 1 x 5.1 channel Audio Jack, 4 x USB 2.0, 1 x DC Jack		
Power Requirement	Input Voltage	DC 24V, 180W		
Watchdog Timer	Output	Interrupt, system reset. Programmable by SUSIAccess		
Physical Characteristics	Mounting	Easy Mounting Kits for LCD or Plasma		
	Dimensions (W x D x H)	300 x 236.2 x 44.45 mm		
	Weight	2.6 kg		
Environment	Operating Temperature	0°C – 60°C		
	Relative Humidity	95% @ 40C		
	Vibration Resistance	0.2Grms, IEC 6008-2-64, Random 5 ~ 500Hz, 1Hr/axis		
Software Supports	Operating System	Supports Microsoft Window8, Windows 7.		
Certifications	Electromagnetic	CE/ FCC Class A, CCC		
	Safety	CCC, BSMI		

All product specifications are subject to change without notice

Last Update: 20-May-2015

Dimensions

Unit: mm



Optional Modules

	E850MFMA	E770MFMB	E970MFMA	E2100MFMA
GPU	GTX850M	GTX770M	GTX970M	Quadro K2100M
	N15P-GT	N14E-GS	N16E-GT	N15P-Q3
Bus Type	PCI-Express 3.0 (MXM3.0)	PCI-Express 3.0 (MxM3.0)	PCI-Express 3.0 (MxM3.0)	PCI-Express 3.0 (MxM3.0)
GPU Clock	863MHz	862MHz	954MHz	
Processor Cores	640 Cores	960 Cores	1536 Cores	567 cores
Memory	GDDR5 2G 128 bit	GDDR5 3G 192 bit	GDDR5 6G 192 bit	GDDR5 2G 128 bit
Number of display	4	4	4	4
Board Dimensions	MXM Ver3.0, Type A (70x82mm)	MXM Ver3.0, Type B (105x82mm)	MXM Ver3.0, Type B (105x82mm)	MXM Ver3.0, Type A (70x82mm)
Total Power	52W	TBD	TBD	TBD

For sales inquiries or further information, please contact us at: Jess.Chen@Advantech.com.tw, Jason.Lu @advantech.com.tw

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