

DIY ? Acer RL-80 ??

???? Acer RL 80 ?????????DIY ?? .

????????? x86 ?? ,??1080P ??,NAS ,Embedded router , Wlan AP , IP PBX ?..  
(????????? mini pci-e to pci-e ?????Mini pci-e ???)

Disk I/O??, USB ,LAN ?? 2011 ??????????.

CPU : IVY Bridge Celeron 1017U 1.6Ghz (???) L3 2MB , Dual Core

DRAM :DDR3 So-dimm ?? 8GB\*2 = 16GB

?:HM70

SATA : 1 \* ??2.5 ????, 1 \* SATA 7+6 (????5V ??)

HDMI :1

DVI :1

USB :2.0\* 4

USB :3.0 \*2

Lan: Intel 1000M\*1

WLAN :Atheros AR5BXB6 802.11N 2.4Ghz +5.8Ghz

Mini pci-e ??1 ???Lan card,SATA ,4G ?(?????).?????Msata)

?????:1

SD slot :1 (VEN :10EC , DEV :5209 PCI-E Realtek RTS5209, ??SDXC, SD 3.0)

Mic :1

Speaker :1 (?????)

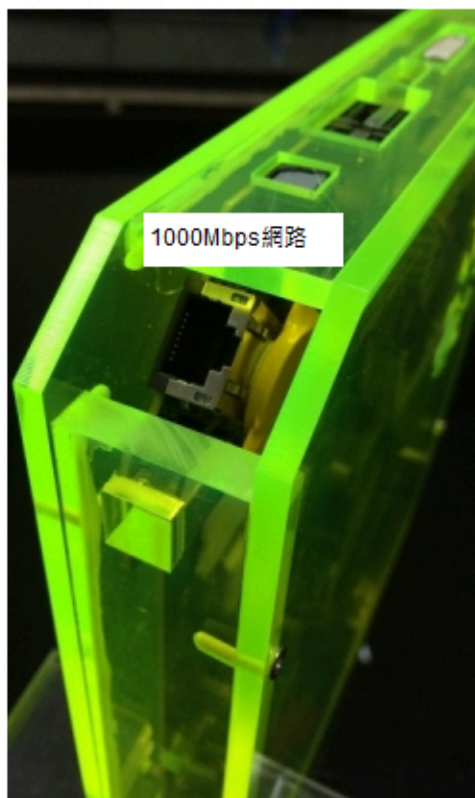
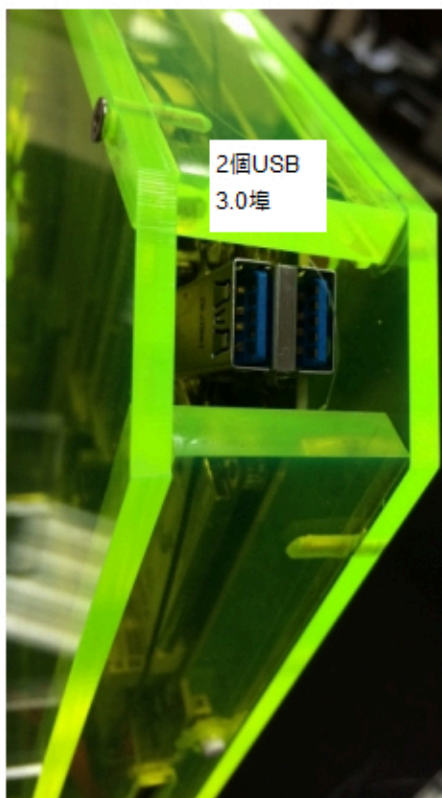
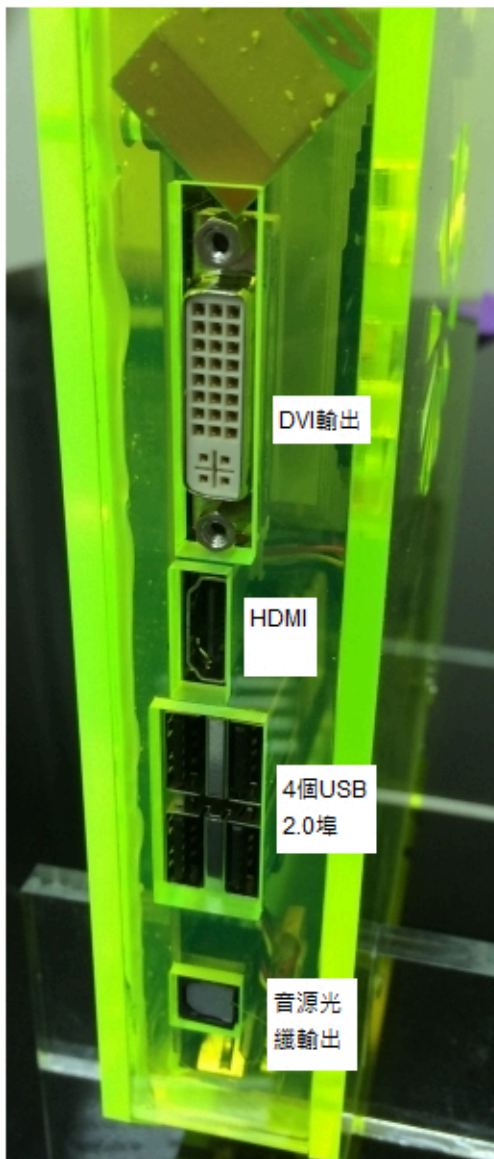
19V DC ????

?: 931g (???? 2.5 HDD SSD?? )

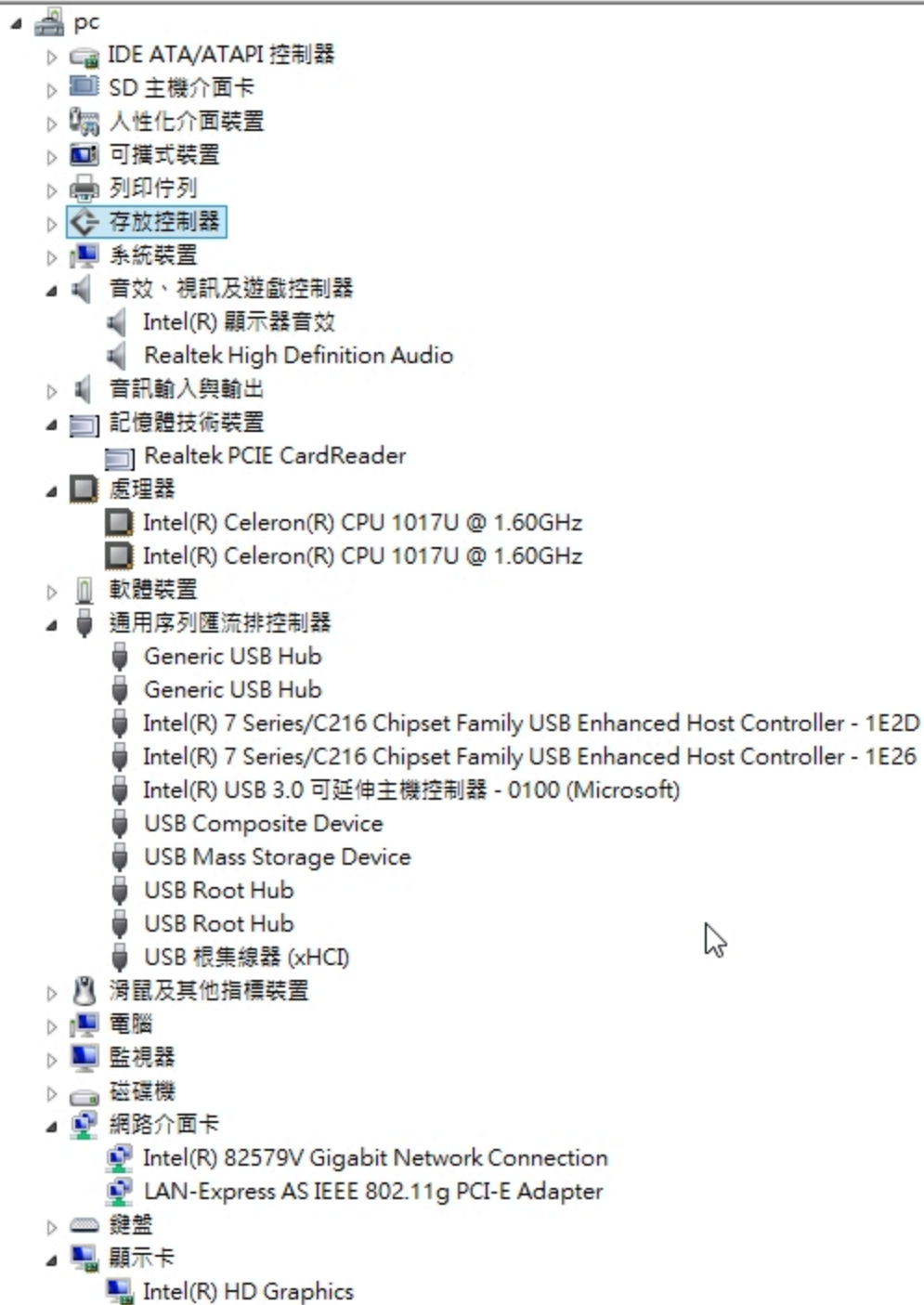
?: 20.5\*20.5\*4 cm



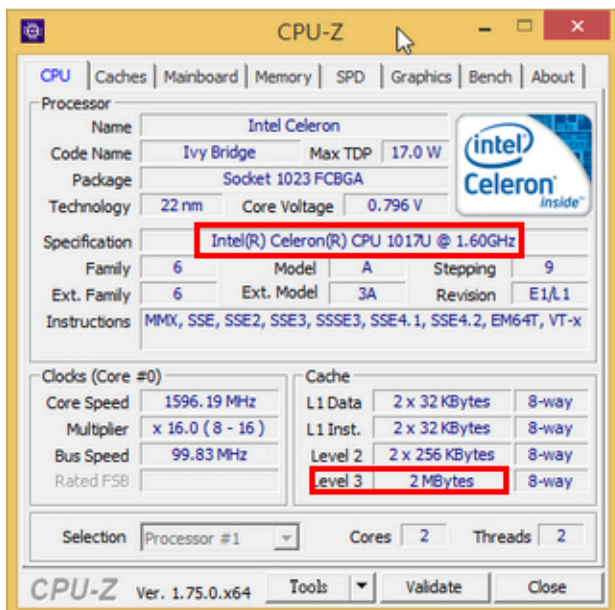




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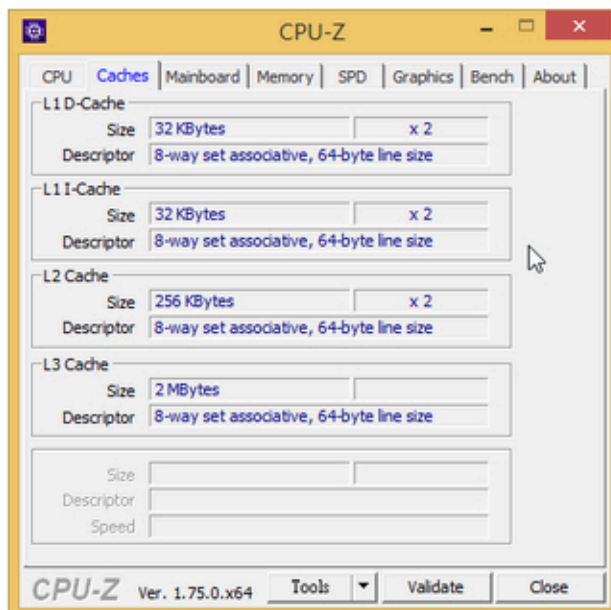
## CPU / 南北橋 / GPU資訊:



CPU-Z Processor tab showing Intel Celeron CPU 1017U @ 1.60GHz. The processor name and level 3 cache (2 MBytes) are highlighted with red boxes.

Name	Intel Celeron		
Code Name	Ivy Bridge	Max TDP	17.0 W
Package	Socket 1023 FCBGA		
Technology	22 nm	Core Voltage	0.796 V
Specification	Intel(R) Celeron(R) CPU 1017U @ 1.60GHz		
Family	6	Model	A
Ext. Family	6	Ext. Model	3A
Instructions	MMX, SSE, SSE2, SSE3, SSSE3, SSE4.1, SSE4.2, EM64T, VT-x		

Clocks (Core #0)	Cache		
Core Speed	1596.19 MHz	L1 Data	2 x 32 KBytes
Multiplier	x 16.0 (8 - 16)	L1 Inst.	2 x 32 KBytes
Bus Speed	99.83 MHz	Level 2	2 x 256 KBytes
Rated FSB		Level 3	2 MBytes



CPU-Z Caches tab showing L1, L1I, L2, and L3 cache details.

L1 D-Cache	Size: 32 KBytes x 2		
Descriptor	8-way set associative, 64-byte line size		
L1I-Cache	Size: 32 KBytes x 2		
Descriptor	8-way set associative, 64-byte line size		
L2 Cache	Size: 256 KBytes x 2		
Descriptor	8-way set associative, 64-byte line size		
L3 Cache	Size: 2 MBytes		
Descriptor	8-way set associative, 64-byte line size		



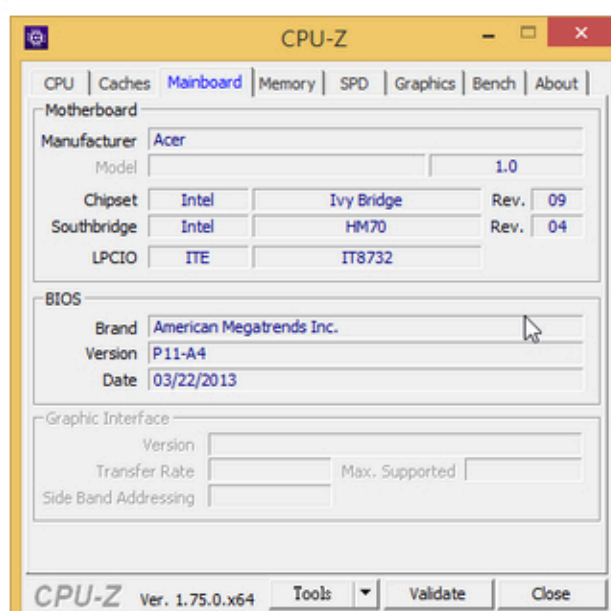
CPU-Z Mainboard tab showing Acer motherboard with Ivy Bridge chipset. Red text notes the benefits of Ivy Bridge.

Manufacturer: Acer  
Model: 1.0  
Chipset: Intel Ivy Bridge Rev. 09  
Southbridge: Intel HM70 Rev. 04  
LPCIO: ITE IT8732

BIOS: American Megatrends Inc. P11-A4, Date: 03/22/2013

Graphic Interface: Version, Transfer Rate, Side Band Addressing

使用Ivy Bridge,故效能較好  
一般使用Ivy Bridge的主機板價格較高,可能還會高於這台整機的價格,也突顯了這台強大的C/P值

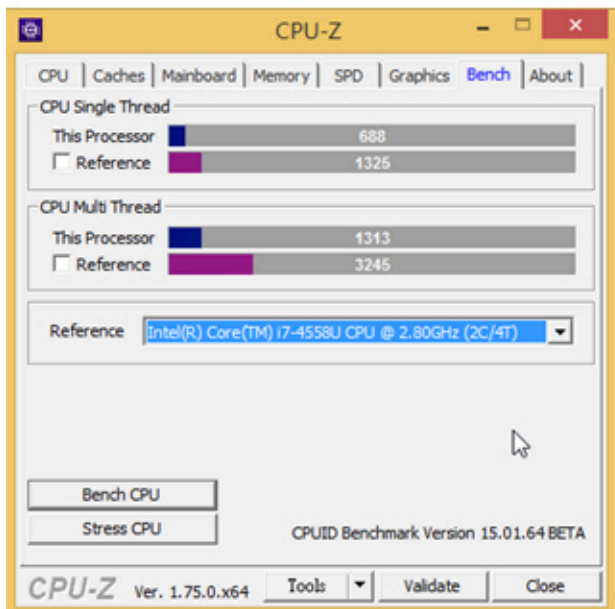


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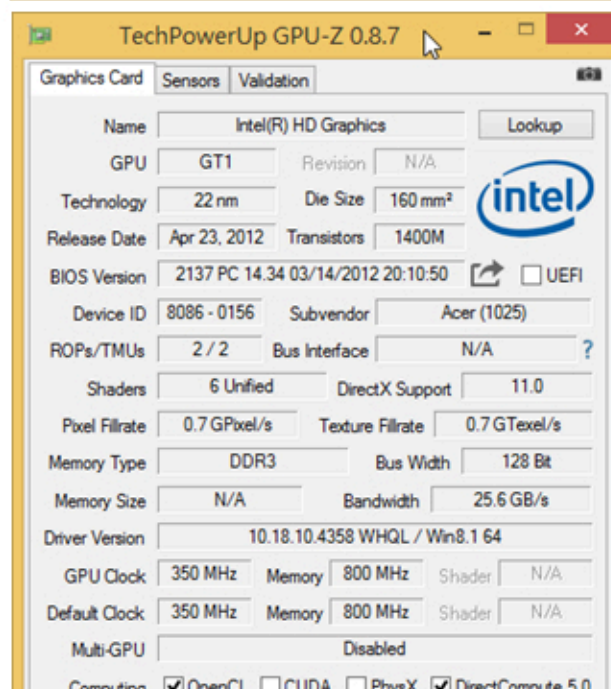


CPU-Z Bench tab showing performance benchmarks.

CPU Single Thread	This Processor	688	Reference	1325
CPU Multi Thread	This Processor	1313	Reference	3245

Reference: Intel(R) Core(TM) i7-4558U CPU @ 2.80GHz (2C/4T)

Bench CPU, Stress CPU, CPUID Benchmark Version 15.01.64 BETA



TechPowerUp GPU-Z 0.8.7 showing Intel(R) HD Graphics GT1.

Name	Intel(R) HD Graphics		
GPU	GT1	Revision	N/A
Technology	22 nm	Die Size	160 mm²
Release Date	Apr 23, 2012	Transistors	1400M
BIOS Version	2137 PC 14.34 03/14/2012 20:10:50		
Device ID	8086 - 0156	Subvendor	Acer (1025)
ROPs/TMUs	2 / 2	Bus Interface	N/A
Shaders	6 Unified	DirectX Support	11.0
Pixel Fillrate	0.7 GPixel/s	Texture Fillrate	0.7 GTexel/s
Memory Type	DDR3	Bus Width	128 Bit
Memory Size	N/A	Bandwidth	25.6 GB/s
Driver Version	10.18.10.4358 WHQL / Win8.1 64		
GPU Clock	350 MHz	Memory	800 MHz
Default Clock	350 MHz	Memory	800 MHz
Multi-GPU	Disabled		

CPU效能雖然不快,但是一般的上網/文

???? ?????? <http://www.drivergenius.com/> ???????  
????????? ??????? ??????? ????????

?? <http://www.acer.com/ac/en/GB/content/drivers> ??64bit  
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<http://www.driverscape.com/manufactu...evo-rl80/20837>