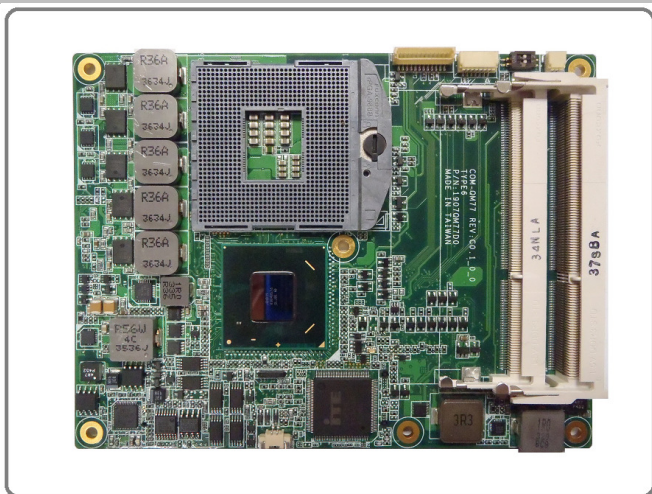


COM-HM76 Rev.C

COM Express CPU type 6 Module. Intel® Ivy Bridge rPGA988B, HM76, Dual DDRIII, GbE, Rev.C1.0



Specifications

System	
Form Factor	COM Express Basic module, Pin-out Type 6, COM. 0 Rev. 2.1
Processor	Socket G2 for Intel® 2nd & 3rd generation Core™ i7/i5/i3/Pentium®/Celeron® processor
System Memory	Dual-channel SODIMM DDR3 1333/1600 Memory, Max. 16 GB
Chipset	Intel® HM76
I/O Chipset	Intel® HM76
Ethernet	Intel® 82579LM for 10/1000/1000Base-TX
BIOS	AMI BIOS
Wake On LAN	Yes
Watchdog Timer	iTE8518E-L
H/W Status Monitoring	Supports CPU Temperature Monitoring.
Expansion Interface	PCI Express [x1] x7 LPC Bus x1 SMBus x1
Power Requirement	Normal: +12V
Power Consumption (Typical)	TBD (Depends on CPU)
Board Size	125mm x 95mm (4.92" x 3.75")
Gross Weight	0.66 lb (0.3 Kg)
Operation Temperature	32 °F ~ 140 °F (0 °C ~ 60 °C)
Storage Temperature	-40 °F ~ 176 °F (-40 °C ~ 80 °C)
Operation Humidity	0% ~ 90% relative humidity, non-condensing
MTBF (Hours)	TBD
Display	LVDS, VGA, DDI x 3
Chipset	Intel® HM76 PCH

Features

- Socket G2 for Intel® 2nd & 3rd generation Core™ i7/i5/i3/Pentium®/Celeron® processor
- Intel® HM76 PCH
- Dual-channel SODIMM DDR3 1333/1600 Memory, Max. 16 GB
- Gigabit Ethernet
- CRT, 18/24-bit Dual-channel LVDS, DDI x 3
- SATA x 4
- USB3.0 x 4, USB2.0 x 8
- PCI-Express [x16] x 1, PCI-Express [x1] x 7
- COM Express Basic Module, Pin-out Type 6, COM.0 Rev. 2.1

Video shared Memory	Shared system memory up to 512MB
Resolution	Up to 2560 x 2048 for CRT (two display), 2048 x 1536 for three displays Up to 1920 x 1200 (UXGA) for LCD/HDMI Up to 2560 x 1600 for DP Up to 2548 x 1536 for DVI
LCD Interface	18/24bit dual channel LVDS
I/O	
Storage	SATA x 4
Serial Port	TX/RX x 2 (TX/RX ONLY)
Parallel Port	-
USB	USB 2.0 x 8 (USB3.0 x 4)
PS/2 Port	--
IrDA	--
Audio	High definition audio
GPIO	Up to 4 in and 4 out

Packing List

M2.5 Screw x 4
Product CD
COM-HM76 C1.0

Ordering Information

COM-HM76-C10

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