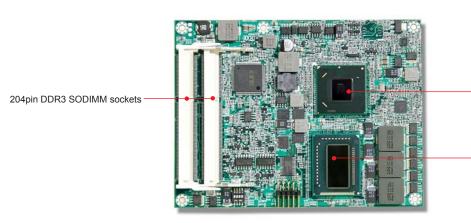
Intel® Sandy Bridge Mobile based Type VI COM Express with DDR3 SDRAM, VGA, LVDS, Gigabit Ethernet, 6Gbps SATA



GENERAL

Processor

Intel® QM67

CPU: Intel® Sandy Bridge Core i7-2715QE (Quad Core)/i7-2655LE (Duo core)

i7-2610UE(Duo core) and i5-2515E (Duo core) n BGA package with ECC

Intel® Sandy Bridge with ECC (BGA)

FEATURES

- The Intel® Sandy Bridge Core i7-2715QE (Quad Core) / Core i7-2655LE (Duo core) Core i7-6210UE (Duo core) / i5-2515E and QM67 platform provide higher performance
- Support faster I/O interfaces on seven PCI Express lanes (four x1 lanes can be configured to one x4 lane)
- Support four SATA ports include two 6Gbps ports and two 3Gbps ports
- Power sharing technology between CPU and Graphics engine to maximize performance
- DP (Display Port), HDMI, DVI supported
- Two USB3.0 ports supported

	- Core i7-2715QE: 2.1GHz - Core i7-2655LE: 2.2GHz ; Core i7-2610UE 1.5GHz - Core i5-2515E: 2.5GHz
Chipset/Core Logic	Intel® QM67
System Memory	Only supports DDR3 ECC SDRAM on two SODIMMs, up to 16GB
BIOS	UEFI BIOS
Storage Devices	SATA: Support four SATA ports, two 6Gbps ports
Solid State Disk	N/A
Watchdog Timer	Programmable by embedded controller on board
Expansion Interface	- Seven PCI Express lanes (four x1 lanes can be configured to one x4 lane) - One PCI Express x16 lanes, which can be configured to two x8 or two x4 and one x8 mode - LPC Interface - SMBus/I2C Interface - High definition audio interface

CPU Temperature Hardware Monitoring Power Requirement Dimension Dimension: 125(L) x 95(W) mm Environment Operation Temperature: 0~60 °C Storage Temperature: -20~80 °C

I/O	
MIO	N/A
IrDA	N/A
Ethernet	One Intel® 82579LM Gigabit Ethernet Controller
Audio	N/A

Operation Humidity: 5~90%

		IrDA	N/A	
Standard PCOM-B217VG-VI-ECC Intel® Sandy Bridge based Type VI with DDR3 SDRAM, VGA, LVDS, (Ethernet, 6Gbps SATA		Ethernet	One Intel® 82579LM Gigabit Ethernet Controller	
	with DDR3 SDRAM, VGA, LVDS, Gigabit	Audio	N/A	
	Ethernet, 6Gbps SATA	USB	Eight USB ports	
Specifications are subject to change without notice.		Keyboard & Mouse	N/A	
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- Sandy Bridge integrated latest generation graphics, supports DX10+ and **Graphic Controller** enhance low power HD video playback The Intel Flexible Display Interface (FDI) utilizes differential signaling to transport display data from a processor pixel source to a sink PCH at a rate Dynamic share system memory up to 1GB of 2GB system memory **Graphic Memory** (Intel® DVMT 5.0) - Support CRT and one 18bit/24bit LVDS display interfaces Display Interface - PCI Express x16 for graphic

ORDERING GUIDE

Standard	PCOM-B217VG-VI-ECC Intel® Sandy Bridge based Type VI COM Express with DDR3 SDRAM, VGA, LVDS, Gigabit
	Ethernet, 6Gbps SATA

^{*} Sp



American Portwell

Fremont CA Tel: +1-510-403-3399 E-mail: info@portwell.com http://www.portwell.com

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