



AGS-MRPC-2

2-SLOT ADD-IN PORTABLE COMPUTER



- 2x Add-in Expansion Slots
- 1x Full-Length PCI-32 Slot
- 1x Full-Length PCIe x1 Slot
- Integral Card Hold Downs
- 17.3" 1920 x 1080 Display
- i7 CPU, 8GB RAM, 3x HDDs
- 3x RS232, 1x RS422/485
- Integral Keyboard with Touchpad

CONTACT

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The AGS-MRPC-2 is a compact rugged add-in portable computer built to go-anywhere, suitable for harsh environments and mobile applications. The slim 2 expansion slot design, enhances configurability while the all-metal construction provides ruggedness and protection for application add-in cards. A standard DVD recorder and three removable drive bays allow flexible storage. An optional touch screen allows the system to be configured as an add-in tablet without a keyboard making the system smaller & lighter. Dual cooling fans and easy top access to its expansion slots are provided for ease of system configuration or maintenance.



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2-SLOT ADD-IN PORTABLE COMPUTER

SYSTEM

- Operating System Microsoft Windows 7
- Mainboard Mini-ITX Format
- Main Processor - Intel®Core™ i7-620 processor
- CPU clock bus: 1333/1066/800 MHz
Intel® QM57 Express chipset
- Chipset AMI BIOS
- System BIOS
- Display - 17.3" FHD Display, LED Backlight
- 1920x1080 Display Resolution
- HDMI & DVI-D External Outputs
- Main Memory Two 204-pin DDR3 SODIMM socket, 8GB dual channel
800/1066 MHz memory
- Expansion Interface - One PCI slot and One PCI-E X1 slot
- One Mini PCI-E slot
- SATA Interface Six SATA ports
- Removable HDD - 3x Removable HDD carriers
- Main HDD 500GB
- HDD Carrier #2 & #3 available for expansion
Slot loading DVD-RW
- Optical Storage - Full-sized mechanical keyboard with touchpad
- Optional backlit rubber keyboard with touchpad
- Keyboard - 1 x RS232 port, 1 x RS232/422/485 at Interface Panel
- 2 x RS232 available Internally
- Serial Port - 4x USB 2.0 at Interface Panel
- 4x USB 2.0 available internally
- USB Interface Connector for Mic-In, Line-In and Line-Out
- Audio Interface - Support WDT function through software programming
for enable/disable and interval setting
- General system reset
- Watch Dog Timer Intel® Gen 6.0 integrated graphic engine
- On board VGA Two Gigabit Ethernet (10/100/1000 Mbps/sec) LAN ports
using Intel 82574L and 82577LM GbE Ethernet
Controller at Interface Panel
- On-board Ethernet LAN Onboard programmable 16-bit Digital I/Os (8x In/Out)
available internally
- High Drive GPIO

POWER

- Input Power 115/230 VAC, 50/60Hz Autoswitch, Autoselect
250W Power Supply

DIMENSIONS & WEIGHT

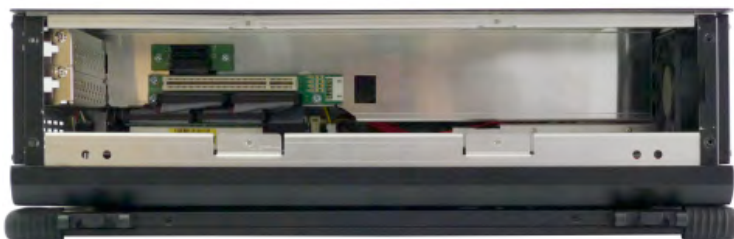
- Dimensions 12.41"H x 15.72"W x 4.91"D
- Weight 16 Pounds

ENVIRONMENTAL

- Temperature MIL-STD-810E (501.4, 502.4)
Operating: -0 °C to 50 °C
Non-Operating: -40 °C to 70 °C
Cooling: Conduction/Convection
- Humidity MIL-STD-810E (507.2)
Relative Humidity: 20 % to 90 % operating, non-
condensing; 10 % to 95% non-
operating & non-condensing
MIL-STD-810E (500.3)
- Altitude Operating: 15,000 ft (4571.8 m)
- Vibration MIL-STD-810E (514.4)
Operating: 10 to 500 Hz 1.04 g (RMS)
- Shock MIL-STD-810E (516.4)
Operating: 15 G, 8 ms ½ sine
Non-Operating: 40 G, 8 ms ½ sine
Drop (non-operating): 4 inches
39" in shipping carton



Interface Panel



Top Access to Add-in Card Bay

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