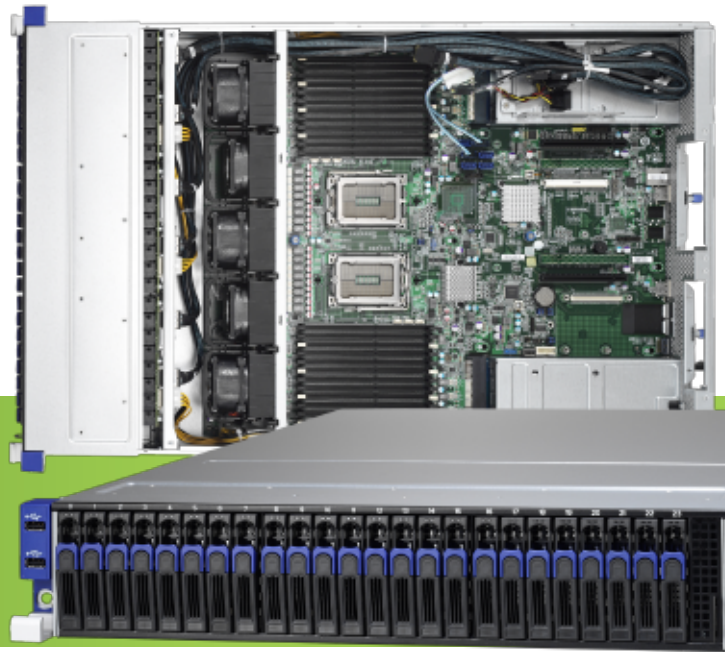
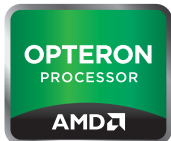


DUAL-SOCKET AMD G34 PLATFORM



TA70-B8237

B8237T70V24HR



■ Front View



■ Back View



2U AMD G34 platform for General applications

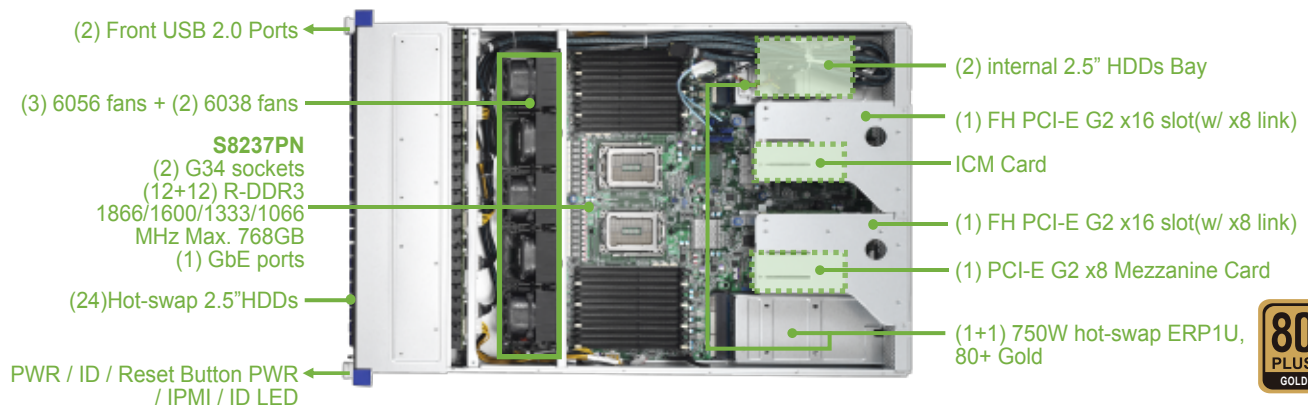
- Dual G34 socket supports (2) AMD 32nm 8-Core/12-Core/16-Core Opteron 6300 Series Processors (Abu Dhabi)
- AMD® SR5670 + SP5100
- (12+12) 240-pin DDR3 DIMM slots
Supporting up to 768GB R-DDR3 1866/1600/1333/1066/800 memory
- (2) PCI-E Gen.2 x16 slots (w/ x8 link)
 - (1) Mezzanine slot (w/ x8 link) for selective network I/O adapters
- (24+2) 2.5" SAS/SATA HDD Bays
*(24) drives need a discrete HBA/RAID adapter to enable
- (1) GbE (via Broadcom BCM5725)
- Onboard Broadcom BCM5725 w/ IPMI
- (1+1) Redundant, ERP1U high-efficiency 750W, 80 Plus Gold Certified



TA70-B8237

B8237T70V24HR

Top View



System (Recommend Chassis)	Form Factor	2U Rackmount
	Chassis Name	TA70
	Dimension (H x W x D)	27.56" x 17.17" x 3.43" (700 x 436 x 87mm)
	Motherboard	S8237PN
	Gross Weight	31KG
Front Panel	Buttons	(1) PWR / (1) RST / (1) ID
	LEDs	(1) PWR / (1) ID / (1) Warning
	I/O Ports	(2) USB ports
External Drive Bay	Type / Q'ty	2.5" Hot-Swap / (24) *Need a discrete HBA/RAID adapter to enable
	Supported HDD Interface	SAS / SATA 6.0Gb/s
Internal Drive Bay	Type / Q'ty	2.5" fixed / (2)
	Supported HDD Interface	SATA-II 3.0Gb/s
System Cooling Configuration	FAN	(3) 6056 fans + (2) 6038 fans
	Type	ERP1U
Power Supply	Redundancy	1+1
	Input Range	AC100V ~ AC240V/ 9.5A~5A
	Output Watts	750 Watts
	Efficiency	80-plus gold
Processor	Supported CPU Series	AMD 45nm 8-Core/12-Core Opteron 6100 Series Processors (Magny-Cours) / AMD 32nm 8-Core/12-Core/16-Core Opteron 6200 Series Processors (Interlagos) / AMD 32nm 8-Core/12-Core/16-Core Opteron 6300 Series Processors (Abu Dhabi)
	Socket Type / Q'ty	G34 / (2)
	Average CPU Power (ACP) wattage	Up to 140W *No fan redundancy when 140W CPUs are deployed
	System Bus	Up to 6.4 GT/s Hyper-Transport link support
	Chipset	AMD SR5670 + SP5100
Chipset	Super I/O	NCT6681D
	Supported DIMM Qty	(12)+(12) DIMM slots
Memory	DIMM Type / Speed	RDDR3 800/1066/1333/1600 MHz
	Capacity	Up to 768GB RDIMMs
	Memory channel	4 Channels per CPU

Expansion Slots	PCI-E	(2) PCI-E Gen.2 x16 slots (w/ x8 link)	
	Pre-install TYAN Riser Card	M2212-R16-2F/ (2)	
LAN	Notice	(1) Mezzanine slot (w/ x8 link) for selective network I/O adapters	
	Port Q'ty	(1) GbE	
Storage	SAS	Controller	Broadcom BCM5725
		Connector	(24) SAS
		Speed	6.0 Gb/s
	SATA	RAID	From discrete HBA/RAID adapter
		Connector	(2) SATA
		Controller	AMD SP5100
I/O Ports	Speed	3.0 Gb/s	
	RAID	RAID 0/1/10	
I/O Ports	USB	(4) ports (2 at front, 2 at rear)	
	RJ-45	(1) ports	
System Monitoring	Chipset	NCT6681D	
	Temperature	Monitors temperature for CPU	
	LED	Over temperature warning indicator / Fan & PSU fail LED indicator	
	Others	Watchdog timer support	
System Management	Onboard Chipset	Onboard Broadcom BCM 5725	
	Brand / ROM size	4MB	
BIOS	Feature	User-configurable H/W monitoring / ACPI 3.0/ACPI sleeping states S1,S4,S5 / PXE boot support / SMBIOS 2.5/PnP/Wake on LAN	
	FCC (DoC)	Class A	
Regulation	CE (DoC)	Yes	
	Operating Temp.	10° C ~ 35° C (50° F ~ 95° F)	
Operating Environment	Non-operating Temp.	- 40° C ~ 70° C (-40° F ~ 158° F)	
	In/Non-operating Humidity	90%, non-condensing at 35° C	
RoHS	RoHS 6/6 Compliant	Yes	

(Specifications are subject to change without notice. Items pictured may only be representative.)

MITAC INTERNATIONAL CORP.
TYAN Business Unit

USA
Tel: +1-510-651-8868
Fax: +1-510-651-7688

Taiwan
Tel: +886-2-2652-5888
Fax: +886-2-2652-5805

Japan
Tel: +81-3-3769-8311
Fax: +81-3-3769-8328

Europe
Sales: +32 2456 1721
Technical Support: +32 2456 1722

China
Shanghai Tel: +86-21-61431188 Ext 1366
China Tel: +86-010-62555015 Ext 8302