

Products ▶ Systems ▶ 3U ▶ [6037R-TXRF]





Available Colors:

Black

Drivers & Utilities → BIOS → IPMI → Tested MEM → Tested HDD → Manuals
→ OS Certification Matrix → Quick-References

Key Features

- 1. Dual socket R (LGA 2011) supports Intel® Xeon® processor E5-2600 and **E5-2600 v2** family[†]
- 2. Up to 1TB EOC DDR3, up to 1866MHz; 16x DIMM sockets
- 3. Expansion slots: 10x PCI-E 3.0 x8, 1x PCI-E 2.0 x4 (in x8)
- 4. Intel® i350 Dual port Gigabit Ethernet 5. 8x Hot-swap 3.5" HDD Bays
- 6. 2x 5.25" Drive Bays
- 7. Server remote management: IFMI 2.0 / KVM over LAN/ Media over LAN
- 8. 3x middle fans & 1x rear exhaust fan
- 9. 980W Redundant Power Supplies Platinum Level (94%)

	Speci	ications	
		:	
roduct SKUs		Chassis	
SYS-6037R- FXRF	SuperServer 6037R-TXRF (Black)	Form Factor	3U Rackmount
IAN		Model	<u>CSE-835XTQ-R982B</u>
otherboard		Dimensions	
		Width	■ 17.2" (437mm)
Super X9DRX+	<u>+-F</u>	Height	■ 5.2" (132mm)
rocessor/Cad	ah a	Depth	25.5" (648mm)
OCESSOI/Cac	■ Dual Socket R (LGA 2011)	Gross	,
CPU	Intel® Xeon® processor E5-2600	Weight	48.4 lbs (22.0kg)
	and E5-2600 v2 family [†]	Available	■ Black
lote	† BIOS version 3.0 or above is required	Colors	BOOK
Cache	■ Up to 30MB	Front Panel	
System Bus	■ QPI up to 8 GT/s		■ Power On/Off button
		Buttons	System Reset button
ystem Memo			■ Power status LED
	 16x 240-pin DDR3 DIMM sockets Up to 1TB DDR3 ECC LRDIMM 	LEDs	 Hard drive activity LED 2x Network activity LEDs
Memory	■ Up to 512GB DDR3 ECC Registered memory	LELS	System Overheat LED
Capacity	(RDIMM)		■ Power fail LED
	 Up to 128GB DDR3 ECC Un-Buffered memory (UDIMM) 	E	
/lemory	■ 1866/1600/1333/1066/800MHz ECC DDR3	Expansion Slots	
Гуре	SDRAM 72-bit, 240-pin gold-plated DIMMs	PCI-Express	■ 10x PCI-E3.0 x8 ■ 1x PCI-E2.0 x4 (in x8)
DIMM Sizes	32GB, 16GB, 8GB, 4GB, 2GB, 1GB		INTO EZ.OX (IIIXO)
Memory	■ 1.5 V, 1.35 V	Drive Bays	
/oltage		Hot-swap	8x Hot-swap 3.5" SAS / SATA HDD trays
rror	 Corrects single-bit errors Detects double-bit errors (using ECC 	Drive	■ Suppports 1x 3.5" or 2x 2.5" drives
Detection	memory)	Bracket	(internal)
		Backplane	
n-Board Devi	ices	1x SAS2 / SATA	hacknlane
Chipset	■ Intel® C602 Chipset	1/2 (02 / 07 (1) (Scorpica to
SATA	 SATA 2.0 3Gbps with RAID 0, 1, 5, 10 SATA 3.0 6Gbps with RAID 0, 1, 5, 10 	System Cooling]
		Fans	■ 3x 8cm7K RPM, Middle fans
	 Support for Intelligent Patform Management 		
	 Support for Intelligent Platform Management Interface v.2.0 		■ 1x 8cm6.7K RPM, Rear Exhaust fan
PMI	Interface v.2.0 IPM 2.0 with virtual media over LAN and		■ 1x 8cm6.7K RPM, Rear Exhaust fan
PMI	Interface v.2.0	Power Supply v	■ 1x 8cm6.7K RPM, Rear Exhaust fan vith Power Distributor
РМІ	Interface v.2.0 IPM 2.0 with virtual media over LAN and KVM-over-LAN support Renesas SH7757 BMC	Power Supply v	1x 8cm6.7K RPM, Rear Exhaust fan vith Power Distributor -efficiency (94%+) AC-DC Redundant power -efficiency (94%+) AC-DC Redundant power
	Interface v.2.0 IPM 2.0 with virtual media over LAN and KVM-over-LAN support Renesas SH7757 BMC Intel® i350 Dual Port Gigabit Ethernet Virtual Machine Device Queues reduce VO	Power Supply v 850W/980W high supplies with Plv	 1x 8cm6.7K RPM, Rear Exhaust fan vith Power Distributor efficiency (94%+) AC-DC Redundant power Bus 100-140 V, 50-60 Hz, 11.5-6.5 Amp
Network	Interface v.2.0 IPM 2.0 with virtual media over LAN and KVM-over-LAN support Renesas SH7757 BMC Intel® i350 Dual Port Gigabit Ethernet Virtual Machine Device Queues reduce I/O overhead	Power Supply v 850W/980W high	 1x 8cm6.7K RPM, Rear Exhaust fan vith Power Distributor efficiency (94%+) AC-DC Redundant power Bus 100-140 V, 50-60 Hz, 11.5-6.5 Amp 180-240 V, 50-60 Hz, 6.5-4.5 Amp
	Interface v.2.0 IPM 2.0 with virtual media over LAN and KVM-over-LAN support Renesas SH7757 BMC Intel® i350 Dual Port Gigabit Ethernet Virtual Machine Device Queues reduce VO	Power Supply v 850W/980W high supplies with PM AC Input	 1x 8cm6.7K RPM, Rear Exhaust fan vith Power Distributor efficiency (94%+) AC-DC Redundant power Bus 100-140 V, 50-60 Hz, 11.5-6.5 Amp 180-240 V, 50-60 Hz, 6.5-4.5 Amp 4 Amp @ +5V Standby
Network	Interface v.2.0 IPM 2.0 with virtual media over LAN and KVM-over-LAN support Renesas SH7757 BMC Intel® i350 Dual Port Gigabit Ethernet Virtual Machine Device Queues reduce I/O overhead Supports 10BASE-T, 100BASE-TX, and	Power Supply v 850W/980W high supplies with Plv	 1x 8cm6.7K RPM, Rear Exhaust fan vith Power Distributor efficiency (94%+) AC-DC Redundant power Bus 100-140 V, 50-60 Hz, 11.5-6.5 Amp 180-240 V, 50-60 Hz, 6.5-4.5 Amp
Network Controllers	Interface v.2.0 IPM 2.0 with virtual media over LAN and KVM-over-LAN support Renesas SH7757 BMC Intel® i350 Dual Port Gigabit Ethernet Virtual Machine Device Queues reduce VO overhead Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, R.45 output 1x Realtek RTL8201N PHY (dedicated IPM) G200 (Renesas SH7757 BMC w/ graphic	Power Supply v 850W/980W high supplies with PM AC Input DC Output	 1x 8cm6.7K RPM, Rear Exhaust fan vith Power Distributor refficiency (94%+) AC-DC Redundant power Bus 100-140 V, 50-60 Hz, 11.5-6.5 Amp 180-240 V, 50-60 Hz, 6.5-4.5 Amp 4 Amp @ +5V Standby 70 Amp @ +12V (100-140Vac)
Network Controllers Graphics	Interface v.2.0 IPM 2.0 with virtual media over LAN and KVM-over-LAN support Renesas SH7757 BMC Intel® i350 Dual Port Gigabit Ethernet Virtual Machine Device Queues reduce I/O overhead Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, R.I45 output 1x Realtek RTL8201N PHY (dedicated IPM) G200 (Renesas SH7757 BMC w/ graphic controller)	Power Supply v 850W/980W high supplies with PM AC Input DC Output With Power	■ 1x 8cm6.7K RPM, Rear Exhaust fan vith Power Distributor -efficiency (94%+) AC-DC Redundant power Bus ■ 100-140 V, 50-60 Hz, 11.5-6.5 Amp ■ 180-240 V, 50-60 Hz, 6.5-4.5 Amp ■ 4 Amp @ +5V Standby ■ 70 Amp @ +12V (100-140Vac) ■ 81 Amp @ +12V (180-240Vac) ■ +5V: 30 Amp ■ +3.3V: 28 Amp
Network Controllers Graphics	Interface v.2.0 IPM 2.0 with virtual media over LAN and KVM-over-LAN support Renesas SH7757 BMC Intel® i350 Dual Port Gigabit Ethernet Virtual Machine Device Queues reduce VO overhead Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, R.45 output 1x Realtek RTL8201N PHY (dedicated IPM) G200 (Renesas SH7757 BMC w/ graphic	Power Supply v 850W/980W high supplies with PM AC Input DC Output	■ 1x 8cm6.7K RPM, Rear Exhaust fan vith Power Distributor efficiency (94%+) AC-DC Redundant power Bus ■ 100-140 V, 50-60 Hz, 11.5-6.5 Amp ■ 180-240 V, 50-60 Hz, 6.5-4.5 Amp ■ 4Amp @ +5V Standby ■ 70Amp @ +12V (100-140Vac) ■ 81 Amp @ +12V (180-240Vac) ■ +5V: 30 Amp
Network Controllers Graphics Super I/O	Interface v.2.0 IPM 2.0 with virtual media over LAN and KVM-over-LAN support Renesas SH7757 BMC Intel® i350 Dual Port Gigabit Ethernet Virtual Machine Device Queues reduce I/O overhead Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, R.45 output 1x Realtek RTL8201N PHY (dedicated IPM) G200 (Renesas SH7757 BMC w/ graphic controller) Nuvoton W83527	Power Supply v 850W/980W high supplies with PV AC Input DC Output With Power Distributor	■ 1x 8cm6.7K RPM, Rear Exhaust fan vith Power Distributor -efficiency (94%+) AC-DC Redundant power Bus ■ 100-140 V, 50-60 Hz, 11.5-6.5 Amp ■ 180-240 V, 50-60 Hz, 6.5-4.5 Amp ■ 4 Amp @ +5V Standby ■ 70 Amp @ +12V (100-140Vac) ■ 81 Amp @ +12V (180-240Vac) ■ +5V: 30 Amp ■ +3.3V: 28 Amp ■ -12V: 0.6 Amp
Network Controllers Graphics Super I/O	Interface v.2.0 IPM 2.0 with virtual media over LAN and KVM-over-LAN support Renesas SH7757 BMC Intel® i350 Dual Port Gigabit Ethernet Virtual Machine Device Queues reduce I/O overhead Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, R.45 output 1x Realtek RTL8201N PHY (dedicated IPM) G200 (Renesas SH7757 BMC w/ graphic controller) Nuvoton W83527	Power Supply v 850W/980W high supplies with PM AC Input DC Output With Power	■ 1x 8cm6.7K RPM, Rear Exhaust fan vith Power Distributor -efficiency (94%+) AC-DC Redundant power Bus ■ 100-140 V, 50-60 Hz, 11.5-6.5 Amp ■ 180-240 V, 50-60 Hz, 6.5-4.5 Amp ■ 4Amp @ +5V Standby ■ 70 Amp @ +12V (100-140Vac) ■ 81 Amp @ +12V (180-240Vac) ■ +5V: 30 Amp ■ +3.3V: 28 Amp ■ -12V: 0.6 Amp Platinum Level I Test Report 1
Network Controllers Graphics Super I/O	Interface v.2.0 IPM 2.0 with virtual media over LAN and KVM-over-LAN support Renesas SH7757 BMC Intel® i350 Dual Port Gigabit Ethernet Virtual Machine Device Queues reduce I/O overhead Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, R.45 output 1x Realtek RTL8201N PHY (dedicated IPM) G200 (Renesas SH7757 BMC w/ graphic controller) Nuvoton W83527	Power Supply v 850W/980W high supplies with PV AC Input DC Output With Power Distributor	■ 1x 8cm6.7K RPM, Rear Exhaust fan with Power Distributor -efficiency (94%+) AC-DC Redundant power Bus ■ 100-140 V, 50-60 Hz, 11.5-6.5 Amp ■ 180-240 V, 50-60 Hz, 6.5-4.5 Amp ■ 4Amp @ +5V Standby ■ 70Amp @ +12V (100-140Vac) ■ 81Amp @ +12V (180-240Vac) ■ +5V: 30 Amp ■ +3.3V: 28 Amp ■ -12V: 0.6 Amp 100-140 V, 50-60 Hz, 11.5-6.5 Amp Platinum Level
Network Controllers Graphics Super I/O put / Output Serial ATA	Interface v.2.0 IPM 2.0 with virtual media over LAN and kVM-over-LAN support Renesas SH7757 BMC Intel® i350 Dual Port Gigabit Ethernet Virtual Machine Device Queues reduce I/O overhead Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, R.I45 output 1 x Realtek RTL8201N P-HY (dedicated IPM) G200 (Renesas SH7757 BMC w/ graphic controller) Nuvoton W83527	Power Supply v 850W/980W high supplies with PV AC Input DC Output With Power Distributor	■ 1x 8cm6.7K RPM, Rear Exhaust fan vith Power Distributor -efficiency (94%+) AC-DC Redundant power Bus ■ 100-140 V, 50-60 Hz, 11.5-6.5 Amp ■ 180-240 V, 50-60 Hz, 6.5-4.5 Amp ■ 4Amp @ +5V Standby ■ 70 Amp @ +12V (100-140Vac) ■ 81 Amp @ +12V (180-240Vac) ■ +5V: 30 Amp ■ +3.3V: 28 Amp ■ -12V: 0.6 Amp Platinum Level I Test Report 1
Network Controllers Graphics Super I/O put / Output Serial ATA	Interface v.2.0 IPM 2.0 with virtual media over LAN and kVM-over-LAN support Renesas SH7757 BMC Intel® i350 Dual Port Gigabit Ethernet Virtual Machine Device Queues reduce I/O overhead Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, R.I45 output 1x Realtek RTL8201N PHY (dedicated IPM) G200 (Renesas SH7757 BMC w/ graphic controller) Nuvoton W83527	Power Supply v 850W/980W high supplies with PM AC Input DC Output With Power Distributor Certification	■ 1x 8cm6.7K RPM, Rear Exhaust fan vith Power Distributor -efficiency (94%+) AC-DC Redundant power Bus ■ 100-140 V, 50-60 Hz, 11.5-6.5 Amp ■ 180-240 V, 50-60 Hz, 6.5-4.5 Amp ■ 4Amp @+5V Standby ■ 70 Amp @+12V (100-140Vac) ■ 81 Amp @+12V (180-240Vac) ■ +5V: 30 Amp ■ +3.3V: 28 Amp ■ -12V: 0.6 Amp Platinum Level [Test Report]
Network Controllers Graphics Super I/O put / Output Serial ATA	Interface v.2.0 IPM 2.0 with virtual media over LAN and kVM-over-LAN support Renesas SH7757 BMC Intel® i350 Dual Port Gigabit Ethernet Virtual Machine Device Queues reduce I/O overhead Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, R.I45 output 1x Realtek RTL8201N P-HY (dedicated IPM) G200 (Renesas SH7757 BMC w/ graphic controller) Nuvoton W83527 2x SATA 3.0 ports (6Gbps) 8x SATA 2.0 ports (3Gbps) 2x R.I45 Gigabit Ethernet LAN ports 1x R.I45 Dedicated IPM LAN port 10x USB 2.0 ports total	Power Supply v 850W/980W high supplies with PV AC Input DC Output With Power Distributor Certification System BIOS	■ 1x 8cm6.7K RPM, Rear Exhaust fan vith Power Distributor -efficiency (94%+) AC-DC Redundant power Bus ■ 100-140 V, 50-60 Hz, 11.5-6.5 Amp ■ 180-240 V, 50-60 Hz, 6.5-4.5 Amp ■ 4Amp @ +5V Standby ■ 70 Amp @ +12V (100-140Vac) ■ 81 Amp @ +12V (180-240Vac) ■ +5V: 30 Amp ■ +3.3V: 28 Amp ■ -12V: 0.6 Amp Platinum Level [Test Report] ■ 128Mb SR Rash EFROMwith AM BIOS ■ Rug and Ray (PnP)
Network Controllers Graphics Super I/O put / Output Serial ATA	Interface v.2.0 IPM 2.0 with virtual media over LAN and kVM-over-LAN support Renesas SH7757 BMC Intel® i350 Dual Port Gigabit Ethernet Virtual Machine Device Queues reduce I/O overhead Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, R.I45 output 1 xr Realtek RTL8201N P-HY (dedicated IPM) G200 (Renesas SH7757 BMC w/ graphic controller) Nuvoton W83527 2x SATA 3.0 ports (6Gbps) 8x SATA 2.0 ports (3Gbps) 2x R.I45 Gigabit Ethernet LAN ports 1x R.I45 Dedicated IPM LAN port 10x USB 2.0 ports total (4x rear + 4x via header + 2x Type A)	Power Supply v 850W/980W high supplies with PM AC Input DC Output With Power Distributor Certification System BIOS BIOS Type	■ 1x 8cm6.7K RPM, Rear Exhaust fan vith Power Distributor Hefficiency (94%+) AC-DC Redundant power Bus ■ 100-140 V, 50-60 Hz, 11.5-6.5 Amp ■ 180-240 V, 50-60 Hz, 6.5-4.5 Amp ■ 4Amp @ +5V Standby ■ 70Amp @ +12V (100-140Vac) ■ 81 Amp @ +12V (180-240Vac) ■ +5V: 30 Amp ■ +3.3V: 28 Amp ■ -12V: 0.6 Amp ■ Platinum Level ■ Test Report] ■ 128Mb SR Rash ■ PROMwith AM BIOS ■ Plug and Play (PhP) ■ APM1.2
Network Controllers Graphics Super I/O put / Output Serial ATA AN JSB	Interface v.2.0 IPM 2.0 with virtual media over LAN and KVM-over-LAN support Renesas SH7757 BMC Intel® i350 Dual Port Gigabit Ethernet Virtual Machine Device Queues reduce I/O overhead Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, R.45 output 1x Realtek RTL8201NPHY (dedicated IPM) G200 (Renesas SH7757 BMC w/ graphic controller) Nuvoton W83527 2x SATA 3.0 ports (6Gbps) 8x SATA 2.0 ports (3Gbps) 2x R.45 Gigabit Ethernet LAN ports 1x R.45 Dedicated IPM LAN port 10x USB 2.0 ports total (4x rear + 4x via header + 2x Type A) 1x VGA port	Power Supply v 850W/980W high supplies with PM AC Input DC Output With Power Distributor Certification System BIOS BIOS Type	■ 1x 8cm6.7K RPM, Rear Exhaust fan vith Power Distributor -efficiency (94%+) AC-DC Redundant power Bus ■ 100-140 V, 50-60 Hz, 11.5-6.5 Amp ■ 180-240 V, 50-60 Hz, 6.5-4.5 Amp ■ 4Amp @ +5V Standby ■ 70 Amp @ +12V (100-140Vac) ■ 81 Amp @ +12V (180-240Vac) ■ +5V: 30 Amp ■ +3.3V: 28 Amp ■ -12V: 0.6 Amp Platinum Level [Test Report] ■ 128Mb SR Rash EFROMwith AM BIOS ■ Rug and Ray (PnP)
etwork Controllers Graphics Guper I/O put / Output Serial ATA AN	Interface v.2.0 IPM 2.0 with virtual media over LAN and kVM-over-LAN support Renesas SH7757 BMC Intel® i350 Dual Port Gigabit Ethernet Virtual Machine Device Queues reduce I/O overhead Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, R.I45 output 1 xr Realtek RTL8201N P-HY (dedicated IPM) G200 (Renesas SH7757 BMC w/ graphic controller) Nuvoton W83527 2x SATA 3.0 ports (6Gbps) 8x SATA 2.0 ports (3Gbps) 2x R.I45 Gigabit Ethernet LAN ports 1x R.I45 Dedicated IPM LAN port 10x USB 2.0 ports total (4x rear + 4x via header + 2x Type A)	Power Supply v 850W/980W high supplies with PM AC Input DC Output With Power Distributor Certification System BIOS BIOS Type	■ 1x 8cm6.7K RPM, Rear Exhaust fan vith Power Distributor -efficiency (94%+) AC-DC Redundant power Bus ■ 100-140 V, 50-60 Hz, 11.5-6.5 Amp ■ 180-240 V, 50-60 Hz, 6.5-4.5 Amp ■ 4Amp @ +5V Standby ■ 70 Amp @ +12V (100-140Vac) ■ 81 Amp @ +12V (180-240Vac) ■ 45V: 30 Amp ■ +3.3V: 28 Amp ■ -12V: 0.6 Amp Platinum Level [Test Report] ■ 128Mb SR Rash ⊞ROMwith AM BIOS ■ Rug and Ray (PhP) ■ ARM1.2 ■ PCI.2.2 ■ ACR 1.0 / 2.0 ■ USB Keyboard support
etwork Controllers Graphics Guper I/O put / Output Serial ATA AN	Interface v.2.0 IPM 2.0 with virtual media over LAN and KVM-over-LAN support Renesas SH7757 BMC Intel® i350 Dual Port Gigabit Ethernet Virtual Machine Device Queues reduce I/O overhead Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, R.45 output 1x Realtek RTL8201NPHY (dedicated IPM) G200 (Renesas SH7757 BMC w/ graphic controller) Nuvoton W83527 2x SATA 3.0 ports (6Gbps) 8x SATA 2.0 ports (3Gbps) 2x R.45 Gigabit Ethernet LAN ports 1x R.45 Dedicated IPM LAN port 10x USB 2.0 ports total (4x rear + 4x via header + 2x Type A) 1x VGA port	Power Supply v 850W/980W high supplies with PM AC Input DC Output With Power Distributor Certification System BIOS BIOS Type	■ 1x 8cm6.7K RPM, Rear Exhaust fan vith Power Distributor efficiency (94%+) AC-DC Redundant power Bus ■ 100-140 V, 50-60 Hz, 11.5-6.5 Amp ■ 180-240 V, 50-60 Hz, 6.5-4.5 Amp ■ 4 Amp @ +5V Standby ■ 70 Amp @ +12V (100-140Vac) ■ 81 Amp @ +12V (180-240Vac) ■ +5V: 30 Amp ■ +3.3V: 28 Amp ■ -12V: 0.6 Amp Platinum Level [Test Report] ■ 128Mb SR Flash EPROMwith AM BIOS ■ Plug and Play (PhP) ■ APM1.2 ■ PCI 2.2 ■ ACP 1.0 / 2.0 ■ USB Keyboard support ■ SMBIOS 2.3
Network Controllers Graphics Super I/O put / Output Serial ATA AN JSB JGA Serial Port /	Interface v.2.0 IPM 2.0 with virtual media over LAN and KVM-over-LAN support Renesas SH7757 BMC Intel® i350 Dual Port Gigabit Ethernet Virtual Machine Device Queues reduce I/O overhead Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, R.45 output 1x Realtek RTL8201NPHY (dedicated IPM) G200 (Renesas SH7757 BMC w/ graphic controller) Nuvoton W83527 2x SATA 3.0 ports (6Gbps) 8x SATA 2.0 ports (3Gbps) 2x R.45 Gigabit Ethernet LAN ports 1x R.45 Dedicated IPM LAN port 10x USB 2.0 ports total (4x rear + 4x via header + 2x Type A) 1x VGA port	Power Supply v 850W/980W high supplies with PM AC Input DC Output With Power Distributor Certification System BIOS BIOS Type	■ 1x 8cm6.7K RPM, Rear Exhaust fan vith Power Distributor -efficiency (94%+) AC-DC Redundant power Bus ■ 100-140 V, 50-60 Hz, 11.5-6.5 Amp ■ 180-240 V, 50-60 Hz, 6.5-4.5 Amp ■ 4Amp @ +5V Standby ■ 70 Amp @ +12V (100-140Vac) ■ 81 Amp @ +12V (180-240Vac) ■ 45V: 30 Amp ■ +3.3V: 28 Amp ■ -12V: 0.6 Amp Platinum Level [Test Report] ■ 128Mb SR Rash ⊞ROMwith AM BIOS ■ Rug and Ray (PhP) ■ ARM1.2 ■ PCI.2.2 ■ ACR 1.0 / 2.0 ■ USB Keyboard support
Network Controllers Graphics Super I/O put / Output Serial ATA AN JSB JGA Serial Port /	Interface v.2.0 IPM 2.0 with virtual media over LAN and KVM-over-LAN support Renesas SH7757 BMC Intel® i350 Dual Port Gigabit Ethernet Virtual Machine Device Queues reduce I/O overhead Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, R.45 output 1x Realtek RTL8201NPHY (dedicated IPM) G200 (Renesas SH7757 BMC w/ graphic controller) Nuvoton W83527 2x SATA 3.0 ports (6Gbps) 8x SATA 2.0 ports (3Gbps) 2x R.45 Gigabit Ethernet LAN ports 1x R.45 Dedicated IPM LAN port 10x USB 2.0 ports total (4x rear + 4x via header + 2x Type A) 1x VGA port	Power Supply v 850W/980W high supplies with PM AC Input DC Output With Power Distributor Certification System BIOS BIOS Type BIOS Features	■ 1x 8cm6.7K RPM, Rear Exhaust fan vith Power Distributor efficiency (94%+) AC-DC Redundant power Bus ■ 100-140 V, 50-60 Hz, 11.5-6.5 Amp ■ 180-240 V, 50-60 Hz, 6.5-4.5 Amp ■ 4 Amp @ +5V Standby ■ 70 Amp @ +12V (100-140Vac) ■ 81 Amp @ +12V (180-240Vac) ■ +5V: 30 Amp ■ +3.3V: 28 Amp ■ -12V: 0.6 Amp ■ Platinum Level [Test Report] ■ 128Mb SR Flash EPROMwith AM BIOS ■ Plug and Play (PhP) ■ APM1.2 ■ PCI 2.2 ■ ACP 1.0 / 2.0 ■ USB Keyboard support ■ SMBIOS 2.3
Network Controllers Graphics Super I/O put / Output Serial ATA AN JSB JGA Serial Port /	Interface v.2.0 IPM 2.0 with virtual media over LAN and KVM-over-LAN support Renesas SH7757 BMC Intel® i350 Dual Port Gigabit Ethernet Virtual Machine Device Queues reduce I/O overhead Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, R.45 output 1x Realtek RTL8201NPHY (dedicated IPM) G200 (Renesas SH7757 BMC w/ graphic controller) Nuvoton W83527 2x SATA 3.0 ports (6Gbps) 8x SATA 2.0 ports (3Gbps) 2x R.45 Gigabit Ethernet LAN ports 1x R.45 Dedicated IPM LAN port 10x USB 2.0 ports total (4x rear + 4x via header + 2x Type A) 1x VGA port	Power Supply v 850W/980W high supplies with PM AC Input DC Output With Power Distributor Certification System BIOS BIOS Type BIOS Features	■ 1x 8cm6.7K RPM, Rear Exhaust fan vith Power Distributor efficiency (94%+) AC-DC Redundant power Bus ■ 100-140 V, 50-60 Hz, 11.5-6.5 Amp ■ 180-240 V, 50-60 Hz, 6.5-4.5 Amp ■ 4Amp @ +5V Standby ■ 70 Amp @ +12V (100-140Vac) ■ 81 Amp @ +12V (180-240Vac) ■ +5V: 30 Amp ■ +3.3V: 28 Amp ■ -12V: 0.6 Amp Platinum Level [Test Report] ■ 128Mb SR Rash EEROMwith AM BIOS ■ Rug and Ray (PhP) ■ APM 1.2 ■ PCI 2.2 ■ ACRI 1.0 / 2.0 ■ USB Keyboard support ■ SMBIOS 2.3 ■ UEFI
Network Controllers Graphics Super I/O Iput / Output Serial ATA LAN USB I/GA	Interface v.2.0 IPM 2.0 with virtual media over LAN and KVM-over-LAN support Renesas SH7757 BMC Intel® i350 Dual Port Gigabit Ethernet Virtual Machine Device Queues reduce I/O overhead Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, R.45 output 1x Realtek RTL8201NPHY (dedicated IPM) G200 (Renesas SH7757 BMC w/ graphic controller) Nuvoton W83527 2x SATA 3.0 ports (6Gbps) 8x SATA 2.0 ports (3Gbps) 2x R.45 Gigabit Ethernet LAN ports 1x R.45 Dedicated IPM LAN port 10x USB 2.0 ports total (4x rear + 4x via header + 2x Type A) 1x VGA port	Power Supply v 850W/980W high supplies with PM AC Input DC Output With Power Distributor Certification System BIOS BIOS Type BIOS Features	■ 1x 8cm6.7K RPM, Rear Exhaust fan vith Power Distributor efficiency (94%+) AC-DC Redundant power Bus ■ 100-140 V, 50-60 Hz, 11.5-6.5 Amp ■ 180-240 V, 50-60 Hz, 6.5-4.5 Amp ■ 4Amp @ +5V Standby ■ 70 Amp @ +12V (100-140Vac) ■ 81 Amp @ +12V (180-240Vac) ■ 15V: 30 Amp ■ +3.3V: 28 Amp ■ -12V: 0.6 Amp Platinum Level [Test Report] ■ 128Mb SR Rash EFROMwith AM BIOS ■ Rug and Ray (PhP) ■ APM 1.2 ■ PCI 2.2 ■ ACPI 1.0 / 2.0 ■ USB Keyboard support ■ SMBIOS 2.3 ■ UEFI onment / Compliance ■ RoHS Compliant ■ Operating Temperature:
Network	Interface v.2.0 IPM 2.0 with virtual media over LAN and KVM-over-LAN support Renesas SH7757 BMC Intel® i350 Dual Port Gigabit Ethernet Virtual Machine Device Queues reduce I/O overhead Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, R.45 output 1x Realtek RTL8201NPHY (dedicated IPM) G200 (Renesas SH7757 BMC w/ graphic controller) Nuvoton W83527 2x SATA 3.0 ports (6Gbps) 8x SATA 2.0 ports (3Gbps) 2x R.45 Gigabit Ethernet LAN ports 1x R.45 Dedicated IPM LAN port 10x USB 2.0 ports total (4x rear + 4x via header + 2x Type A) 1x VGA port	Power Supply v 850W/980W high supplies with PM AC Input DC Output With Power Distributor Certification System BIOS BIOS Type BIOS Features	■ 1x 8cm6.7K RPM, Rear Exhaust fan vith Power Distributor efficiency (94%+) AC-DC Redundant power Bus ■ 100-140 V, 50-60 Hz, 11.5-6.5 Amp ■ 180-240 V, 50-60 Hz, 6.5-4.5 Amp ■ 4Amp @ +5V Standby ■ 70 Amp @ +12V (100-140Vac) ■ 81 Amp @ +12V (180-240Vac) ■ +5V: 30 Amp ■ +3.3V: 28 Amp ■ -12V: 0.6 Amp Platinum Level [Test Report] ■ 128Mb SR Rash ⊞PROMwith AM BIOS ■ Rug and Ray (PhP) ■ APM1.2 ■ PCI 2.2 ■ ACPI 1.0 / 2.0 ■ USB Keyboard support ■ SMBIOS 2.3 ■ UEFI onment / Compliance ■ RoHS Compliant ■ Operating Temperature: 10°C to 35°C (50°F to 95°F)
Network Controllers Graphics Super I/O put / Output Serial ATA LAN JSB JGA Serial Port /	Interface v.2.0 IPM 2.0 with virtual media over LAN and KVM-over-LAN support Renesas SH7757 BMC Intel® i350 Dual Port Gigabit Ethernet Virtual Machine Device Queues reduce I/O overhead Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, R.45 output 1x Realtek RTL8201NPHY (dedicated IPM) G200 (Renesas SH7757 BMC w/ graphic controller) Nuvoton W83527 2x SATA 3.0 ports (6Gbps) 8x SATA 2.0 ports (3Gbps) 2x R.45 Gigabit Ethernet LAN ports 1x R.45 Dedicated IPM LAN port 10x USB 2.0 ports total (4x rear + 4x via header + 2x Type A) 1x VGA port	Power Supply v 850W/980W high supplies with PM AC Input DC Output With Power Distributor Certification System BIOS BIOS Type BIOS Features Operating Envir	■ 1x 8cm6.7K RPM, Rear Exhaust fan vith Power Distributor -efficiency (94%+) AC-DC Redundant power Bus ■ 100-140 V, 50-60 Hz, 11.5-6.5 Amp ■ 180-240 V, 50-60 Hz, 6.5-4.5 Amp ■ 4Amp @ +5V Standby ■ 70 Amp @ +12V (100-140Vac) ■ 81 Amp @ +12V (180-240Vac) ■ +5V: 30 Amp ■ +3.3V: 28 Amp ■ -12V: 0.6 Amp Platinum Level [Test Report] ■ 128Mb SPI Flash EPROM with AM BIOS ■ Rug and Ray (PhP) ■ APM1.2 ■ ACPI 1.0 / 2.0 ■ USB Keyboard support ■ SMBIOS 2.3 ■ UEFI onment / Compliance ■ RoHS Compliant ■ Operating Temperature: 10°C to 35°C (50°F to 95°F) ■ Non-operating Temperature:
Network Controllers Graphics Super I/O put / Output Serial ATA LAN JSB JGA Serial Port /	Interface v.2.0 IPM 2.0 with virtual media over LAN and KVM-over-LAN support Renesas SH7757 BMC Intel® i350 Dual Port Gigabit Ethernet Virtual Machine Device Queues reduce I/O overhead Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, R.45 output 1x Realtek RTL8201NPHY (dedicated IPM) G200 (Renesas SH7757 BMC w/ graphic controller) Nuvoton W83527 2x SATA 3.0 ports (6Gbps) 8x SATA 2.0 ports (3Gbps) 2x R.45 Gigabit Ethernet LAN ports 1x R.45 Dedicated IPM LAN port 10x USB 2.0 ports total (4x rear + 4x via header + 2x Type A) 1x VGA port	Power Supply v 850W/980W high supplies with PM AC Input DC Output With Power Distributor Certification System BIOS BIOS Type BIOS Features	■ 1x 8cm6.7K RPM, Rear Exhaust fan vith Power Distributor -efficiency (94%+) AC-DC Redundant power Bus ■ 100-140 V, 50-60 Hz, 11.5-6.5 Amp ■ 180-240 V, 50-60 Hz, 6.5-4.5 Amp ■ 4Amp @ +5V Standby ■ 70 Amp @ +12V (100-140Vac) ■ 81 Amp @ +12V (180-240Vac) ■ +5V: 30 Amp ■ +3.3V: 28 Amp ■ -12V: 0.6 Amp Platinum Level [Test Report] ■ 128Mb SPI Flash ⊞PROM with AM BIOS ■ Rug and Ray (PnP) ■ APM1.2 ■ ACPI 1.0 / 2.0 ■ USB Keyboard support ■ SMBIOS 2.3 ■ UETI onment / Compliance ■ RoHS Compliant ■ Operating Temperature: 10°C to 35°C (50°F to 95°F) ■ Non-operating Temperature:
etwork Controllers Graphics Guper I/O put / Output Serial ATA AN	Interface v.2.0 IPM 2.0 with virtual media over LAN and KVM-over-LAN support Renesas SH7757 BMC Intel® i350 Dual Port Gigabit Ethernet Virtual Machine Device Queues reduce I/O overhead Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, R.45 output 1x Realtek RTL8201NPHY (dedicated IPM) G200 (Renesas SH7757 BMC w/ graphic controller) Nuvoton W83527 2x SATA 3.0 ports (6Gbps) 8x SATA 2.0 ports (3Gbps) 2x R.45 Gigabit Ethernet LAN ports 1x R.45 Dedicated IPM LAN port 10x USB 2.0 ports total (4x rear + 4x via header + 2x Type A) 1x VGA port	Power Supply v 850W/980W high supplies with PM AC Input DC Output With Power Distributor Certification System BIOS BIOS Type BIOS Features Operating Envir RoHS	■ 1x 8cm6.7K RPM, Rear Exhaust fan vith Power Distributor Hefficiency (94%+) AC-DC Redundant power Bus ■ 100-140 V, 50-60 Hz, 11.5-6.5 Amp ■ 180-240 V, 50-60 Hz, 6.5-4.5 Amp ■ 4Amp @ +5V Standby ■ 70Amp @ +12V (100-140Vac) ■ 81 Amp @ +12V (180-240Vac) ■ +5V: 30 Amp ■ +3.3V: 28 Amp ■ -12V: 0.6 Amp ■ Platinum Level [Test Report] ■ 128Mb SR Rash EHROM with AM BIOS ■ Rug and Ray (PhP) ■ APM1.2 ■ PCI 2.2 ■ ACP 1.0 / 2.0 ■ USB Keyboard support ■ SMBIOS 2.3 ■ UEH comment / Compliance ■ RoHS Compliant ■ Operating Temperature: ■ 10°C to 35°C (50°F to 95°F) ■ Non-operating Temperature: - 40°C to 70°C (-40°F to 158°F)

Parts List

See Parts List

Copyright © 2014 Super Micro Computer, Inc.

Information in this document is subject to change without notice.

Other products and companies referred to herein are trademarks or registered trademarks of their respective companies or mark holders.