



CÂMARA MUNICIPAL DE BELO HORIZONTE

RESPOSTA AO RECURSO ADMINISTRATIVO

Belo Horizonte, 12 de novembro de 2012.

Ilmo. Sr.

Cristiano Ricardo Pereira

Pregoeiro da Câmara Municipal de Belo Horizonte

Tendo em vista o recurso administrativo apresentado pela empresa VISUAL SISTEMAS ELETRÔNICOS LTDA., referente ao Pregão Presencial 26/2012, informamos o que se segue:

Todas as razões indicadas para a interposição do recurso administrativo apresentadas pela empresa VISUAL já foram analisadas por ocasião da avaliação das propostas comerciais das empresas participantes do pleito supra. A empresa apenas explica os motivos pelos quais oferta a solução com determinadas características técnicas. Reiteremos, então, que os produtos ofertados NÃO atendem aos critérios exigidos no edital. As justificativas são as que se seguem e são as mesmas apresentadas anteriormente e, portanto, de conhecimento prévio da empresa VISUAL.

Item	Exigência	Proposta comercial
4.1	Módulo de impressão com "Peso máximo aproximado de 5,3 kg".	Módulo de impressão com peso de 7 kg.
10.2	Slots de expansão: "1 (um) slot PCI."	Não possui slot PCI.
15.1	Monitor de vídeo: "Monitor de vídeo LCD (TFT), 19 polegadas Widescreen".	Monitor de vídeo de 21,5 polegadas.
19.1	O microcomputador deverá possuir a tecnologia ASF 2.0 – padrão criado pela DMTF (Desktop Management Task	Não suporta a tecnologia ASF 2.0. A empresa informa que a página 24 do documento Technical GuideBook comprova a exigência, mas no referido

Quarte




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	Force).	<p>local do documento estão indicados duas placas de rede:</p> <ul style="list-style-type: none">- Integrated Intel 82579: a página 24 não informa claramente que a placa possui o recurso. Então, buscamos a informação diretamente no site do fabricante da placa de rede e confirmamos que ela NÃO possui o recurso.- Broadcom Netxtreme: a especificação começa na página 24 e termina na página 25 e informa claramente que NÃO possui o recurso solicitado.
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Obs.: Seguem, anexos, documentos que detalham o que explicamos para o item 19.1.

Atenciosamente,


Jaimar Moreira Duarte
Chefe da Seção de Infraestrutura de TI

COMMUNICATIONS - INTEGRATED LAN (CONT.)

INTEGRATED INTEL® 82579 GIGABIT¹ ETHERNET LAN 10/100/1000 (CONT.)

	MT	DT	SFF	USFF
Environmental				
Operating temperature	0°C to 85°C (32° F to 185° F)			
Operating humidity	20% to 80% (non-condensing)			
Operating System Driver Support	Windows 7 32/64, Windows XP 32/64, Vista 32/64			
Manageability (examples WOL, PXE)	WOL, PXE 2.1			
Management Capabilities Alerting	Intel® Standard Manageability, 3rd generation i5/i7 processors with vPro Technology			

¹ This term does not connote an actual operating speed of 1 Gb/sec. For high speed transmission, connection to a Gigabit Ethernet server and network infrastructure is required.

COMMUNICATIONS – NETWORK ADAPTER (NIC)

NOTE: MT supports full height (FH) cards and DT and SFF supports low profile (LP) cards.

BROADCOM NETXTREME 10/100/1000 PCIE GIGABIT¹ NETWORKING CARD

	MT	DT	SFF	USFF
Connector Type	RJ45			
Data Rates supported	10/100/1000 Mbps Half/Full duplex			
Controller Details				
Controller bus architecture (example PCIe 1.0a x1)	PCIe c1.0a x1			
Integrated memory	64KBytes RX, 8KBytes TX			
Data transfer mode (example Bus-Master DMA)	Bus-Master DMA			
Power consumption (full operation per data rate connection speed)	2.84W (860mA @ +3.3V)			
Power consumption (standby operation)	Less than 300mW			
IEEE standards compliance (example 802.1P)	802.3, 802.2, 802.3x, 802.1p			
Hardware Certifications (example FCC, B, GS mark...)	FCC B, VCCI B, CE			
Boot ROM Support	No			
Network Transfer Mode (example Full Duplex, Half Duplex)				
Network Transfer Rate (example 10BASE-T (half-duplex) 10 Mbps 10BASE-T (full-duplex) 20 Mbps 100BASE-TX (half-duplex) 100 Mbps 100BASE-TX (full-duplex) 200 Mbps 1000BASE-T (full-duplex) 2000 Mbps	10BASE-T (full-duplex) 20 Mbps Max* 100BASE-TX (half-duplex) 100 Mbps Max* 100BASE-TX (full-duplex) 200 MbpsMax* 1000BASE-T (full-duplex) 2000 Mbps Max* * Depends on the system environment.			

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COMMUNICATIONS – NETWORK ADAPTER (NIC) (CONT.)

**BROADCOM NETXTREME 10/100/1000
PCI-E GIGABIT¹ NETWORKING CARD (CONT.)**

	MT	DT	SFF	USFF
Environmental				
Operating temperature	0°C C to 55°C (32°F - 131°F)			
Operating humidity	5% ~ 85% (non-condensing)			
Operating System Driver Support	Microsoft Client XP/Vista/Win 7 (32bit/64bit) Linux			
Manageability (examples WOL, PXE)	WOL, PXE2.1, ACPI			
Management Capabilities Alerting (example ASF 2.0)	None			

¹ This term does not connote an actual operating speed of 1 Gb/sec. For high speed transmission, connection to a Gigabit Ethernet server and network infrastructure is required.

1394a FIREWIRE PCI ADD-IN CARD	
Connector Type	IEEE-1394a-2000 (6 pins)
Controller Details	
Controller bus architecture (example PCIe 1.0a x1)	PCI 2.3
Chipset	LSI
IO Ports	IEEE 1394 (FireWire) with a transfer rate of up to 400Mbps
Power Consumption	Under 30 mA
Connector	2 IEEE-1394a 6 pins connectors
OS Support	Microsoft Client XP/Vista/Win 7 (32bit/64bit)



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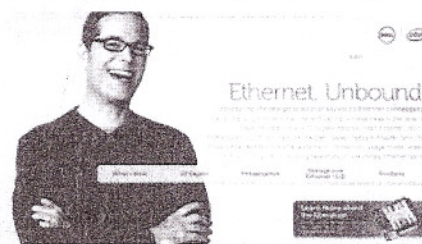
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Intel® Ethernet Controllers Features and Benefits at a Glance

10 Gigabit Ethernet	Data Rate per Port	Description	Host Interface	External Interface	Advanced
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www.intel.com/content/www/us/en/ethernet-controllers/ethernet-controllers.html

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Intel® Ethernet Controllers

Controllers

Technologies

Intel® Ethernet Controller X540-AT2	100 Mbps/ 1000 Mbps/10 Gbps	Single chip with integrated dual port 10GBASE-T PHYs and MAC	PCI Express* v2.1 (5.0GT/s) x8, x4, x2, x1	10GBASE-T	I/O Virtualization, FPP, VMDq, SR-IOV, FCoE, iSCSI, IPMI pass-through via SMBus or NC-SI, iSCSI/FCoE boot, WoL, PXE remote boot, VLAN filtering
Intel® 82599ES 10 Gigabit Ethernet Controller	10 Gbps	Dual port 10 GbE MAC	PCI Express* v2.0 (5 GT/s) x8, x4, x2, x1	SFI, KR, XAU1, KX/KX4, BX/BX4, CX4	IPMI pass-through via SMBus or NC-SI, iSCSI boot Standard: WoL, PXE remote boot, VLAN filtering
Intel® 82599EB 10 Gigabit Ethernet Controller	10 Gbps	Dual port 10 GbE MAC	PCI Express* v2.0 (5 GT/s) x8, x4, x2, x1	XAU1, KX/KX4, BX/BX4, CX4	I/O Virtualization, FPP, VMDq, SR-IOV, FCoE, iSCSI, IPMI pass-through via SMBus or NC-SI, iSCSI/FCoE boot, WoL, PXE remote boot, VLAN filtering
Intel® 82599EN 10 Gigabit Ethernet Controller	10 Gbps	10 GbE MAC	PCI Express* v2.0 (5 GT/s) x8, x4, x2, x1	SFI, KR, XAU1, KX/KX4, BX/BX4, CX4	I/O Virtualization, FPP, VMDq, SR-IOV, FCoE, iSCSI, IPMI pass-through via SMBus or NC-SI, iSCSI/FCoE boot, WoL, PXE remote boot, VLAN filtering
Intel® 82598 10 Gigabit Ethernet Controller	10 Gbps	Dual port 10 GbE MAC	PCI Express* v2.0 (2.5 GT/s) x8, x4, x2, x1	XAU1, KX/KX4, BX/BX4, CX4	IPMI pass-through via SMBus or NC-SI, iSCSI boot Standard: WoL, PXE remote boot, VLAN filtering
Multi-port Gigabit Ethernet MAC PHY	Data Rate per Port	Description	Host Interface	External Interface	Advanced Technologies
Intel® Gigabit Ethernet Controller I350	10/100/1000 Mbps	Quad port GbE controller, Dual port GbE controller, MAC/PHY/SerDes/SGMII	PCI Express* v2.1 (5.0 GT/s & 2.5 GT/s) x4, x2, x1	1000BASE-T, SerDes, SGMII	I/O Virtualization, FPP, VMDq, SR-IOV, iSCSI, IPMI pass-through via SMBus or NC-SI, iSCSI/FCoE boot, WoL, PXE remote boot, VLAN filtering
Intel® 82580 Gigabit Ethernet Controller	10/100/1000 Mbps	Quad port GbE controller, Dual port GbE controller, MAC/PHY/SerDes/SGMII	PCI Express* v2.0 (5.0 GT/s & 2.5 GT/s)	1000BASE-T, SerDes, SGMII	IPMI pass-through via SMBus or NC-SI, WoL, PXE remote boot, iSCSI boot, VLAN

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Intel® Ethernet Controllers

					filtering
Intel® 82576 Gigabit Ethernet Controller	10/100/1000 Mbps	Dual port gigabit Ethernet controller MAC/PHY/SerDes/SGMII	PCI Express* v.2.0 (2.5 GT/s)	1000BASE-T, SerDes, SGMII	IPMI pass-through via SMBus or NC-SI, iSCSI boot Standard: WoL, PXE remote boot, VLAN filtering, IEEE 1588 (time synch capability)
Intel® 82575 Gigabit Ethernet Controller	10/100/1000 Mbps	Dual port gigabit Ethernet controller MAC/PHY/SerDes/SGMII	PCI Express* x4, x2, x1	1000BASE-T, SerDes, SGMII	IPMI pass-through via SMBus or NC-SI, iSCSI boot Standard: ASF 2.0, WoL, PXE remote boot, VLAN filtering
Intel® 82571 Gigabit Ethernet Controller	10/100/1000 Mbps	Dual port gigabit Ethernet controller MAC/PHY/SerDes	PCI Express* x4, x2, x1	1000BASE-T, SerDes	IPMI pass through via SMBus or FML, iSCSI boot Standard: ASF 2.0, WoL, PXE Remote Boot, VLAN filtering
Intel® 82546 Gigabit Ethernet Controller	10/100/1000 Mbps	Dual port gigabit Ethernet controller MAC/PHY/SerDes	PCI-X 1.0	SerDes and 1000BASE-T	IPMI pass through via SMBus, WoL, PXE remote boot, ASF 2.0, VLAN filtering
1 Gigabit Ethernet MAC PHY	Data Rate per Port	Description	Host Interface	External Interface	Advanced Technologies
Intel® Ethernet Controller I210-AT; Intel® Ethernet Controller I210-IT	10/100/1000 Mbps	Single Port GbE Controller MAC/PHY	PCI Express* v2.1 x1 (2.5 GT/S)	1000Base-T	IPMI pass-through via SMBus or NC-SI, MCTP protocol over SMBus, MCTP protocol over PCIe, WoL, PXE remote boot, iSCSI boot, VLAN filtering
Intel® Ethernet Controller I210-IS	10/100/1000 Mbps	Single Port GbE Controller MAC/SerDes/SGMII	PCI Express* v2.1 x1 (2.5 GT/S)	1000Base-T, SerDes, SGMII	IPMI pass-through via SMBus or NC-SI, MCTP protocol over SMBus, MCTP protocol over PCIe, WoL, PXE remote boot, VLAN filtering
Intel® Ethernet Controller I211-AT	10/100/1000 Mbps	Single Port GbE Controller MAC/PHY	PCI Express* v2.1 x1 (2.5 GT/S)	1000Base-T	WoL, PXE remote boot
Intel® 82583 Gigabit Ethernet Controller	10/100/1000 Mbps	Single port gigabit Ethernet controller (Commercial Temp 0-85°C)	PCI Express* x1	1000BASE-T	WoL, PXE remote boot
Intel® 82574 Gigabit Ethernet Controller	10/100/1000 Mbps	Single port gigabit Ethernet controller (Industrial Temp -40-85°C) , (Commercial	PCI Express* x1	1000BASE-T	IPMI pass-through via SMBus (100-400HKz); NC-

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Intel® Ethernet Controllers
Temp U-85°C

SI manageability protocol (100MB full-duplex); WoL, PXE remote boot, iSCSI boot

Intel® 82573 Gigabit Ethernet Controller	10/100/1000 Mbps	Single port gigabit Ethernet controller	PCI Express* x1	1000BASE-T	Intel® Active Management Technology, IPMI pass through via SMBus Standard: WoL, PXE remote boot, ASF 2.0
Intel® 82572 Gigabit Ethernet Controller	10/100/1000 Mbps	Single port gigabit Ethernet controller MAC/PHY/SerDes	PCI Express* x4, x2, x1	1000BASE-T, SerDes	IPMI pass through via SMBus or FML, iSCSI boot Standard: ASF 2.0, WoL, PXE Remote Boot, VLAN filtering
Intel® 82547 Gigabit Ethernet Controller	10/100/1000 Mbps	Single port gigabit Ethernet controller	PCI 2.3	1000BASE-T	IPMI pass through via SMBus, WoL, PXE remote boot, ASF 2.0
Intel® 82545 Gigabit Ethernet Controller	10/100/1000 Mbps	Single port gigabit Ethernet controller	PCI-X 1.0		IPMI pass through via SMBus, WoL, PXE remote boot, ASF 2.0, VLAN filtering
Intel® 82541 Gigabit Ethernet Controller	10/100/1000 Mbps	Single port gigabit Ethernet controller	PCI 2.3		IPMI pass through via SMBus, WoL, PXE remote boot, ASF 2.0
Intel® 82540 Gigabit Ethernet Controller	10/100/1000 Mbps	Single port gigabit Ethernet controller	PCI 2.2		IPMI pass through via SMBus, WoL
1 Gigabit Ethernet PHY	Data Rate per Port	Description	Host Interface	External Interface	Advanced Technologies
Intel® Gigabit Ethernet Network Connection I347-AT4	10/100/1000 Mbps	Quad port gigabit PHY	SGMII	1000BASE-T	
Intel® 82579LM and 82579V Gigabit Ethernet Network Connection	10/100/1000 Mbps	Single port gigabit PHY	PCIe*/SMBus for 6 Series Chipsets	1000BASE-T	Intel® AMT, PXE, WoL
Intel® 82578 Gigabit Ethernet Network Connection	10/100/1000 Mbps	Single port gigabit PHY	PCIe* / SMBus for 5 Series Chipsets	1000BASE-T	Intel® AMT, iSCSI boot, PXE, WoL
Intel® 82577 Gigabit Ethernet Network Connection	10/100/1000 Mbps	Single port gigabit PHY	PCIe* / SMBus for 5 Series Chipsets	1000BASE-T	Intel® AMT, PXE, WoL
Intel® 82567 Gigabit Ethernet Network	10/100/1000 Mbps	Single port gigabit Ethernet PHY	GLCI on Intel ICH9, ICH10 chipsets	1000BASE-T	

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Connection

Management
Technology
Standard:
WoL, PXE
remote
boot, ASF
2.0

Intel® 82566 Gigabit Ethernet Network Connection	10/100/1000 Mbps	Single port gigabit Ethernet PHY	GLCI on Intel ICH9, ICH10 chipsets	1000BASE-T
Intel® 82564 Gigabit Ethernet Network Connection	10/100/1000 Mbps	Dual port gigabit Ethernet PHY, Single port gigabit Ethernet PHY	GLCI on Intel ESB2 chipset	1000BASE-T
Intel® 82563 Gigabit Ethernet Network Connection	10/100/1000 Mbps	Dual port gigabit Ethernet PHY, Single port gigabit Ethernet PHY	GLCI on Intel ESB2 chipset	1000BASE-T

10/100 Controllers	Data Rate per Port	Description	Host Interface	External Interface	Advanced Technologies
Intel® 82552V Fast Ethernet PHY	10/100 Mbps	Single Port 10/100 PHY	GLCI/LCI	100BASE-T	
Intel® 82562 10/100 PHY	10/100 Mbps	Single port fast Ethernet PHY	LCI on Intel ICH chipsets	100BASE-T	
Intel® 82559 10/100 Controller	10/100 Mbps	Single port fast Ethernet	PCI 2.1	100BASE-T	
Intel® 82551 10/100 Controller	10/100 Mbps	Single port fast Ethernet controller	PCI 2.2	100BASE-T	

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