Data Sheet
FUJITSU PLAN CP 2x1Gbit Cu Intel® I350-T2

Dual port 1 Gbit PCIe x4 card

Ethernet cards enable data exchange between all the devices connected in a local network (LAN).
A networked IT infrastructure that functions well is of great significance when managing and controlling critical business processes in a company. The wide range of complex information transported across the network relies on fast and reliable data processing by the network cards.
The cards offer at least one Ethernet interface which is designed for the respective network types and network architectures. The bus interface links the network card with the server.

PLAN CP 2x1Gbit Cu Intel® I350-T2

Trust the network communication of the new Ethernet LAN adapter. The new Intel® I350-T2 Ethernet LAN Adapter, based on the latest Intel® 1GbE chip technology, offers two Gigabit Ethernet ports for 10/100/1000BaseT.
Virtualization support and Wake-on-LAN with selectable port are just some of the features from which you will benefit. Optimal support for your virtualization is provided by the support for Virtual Machine Device Queues (VMDq), Single Root I/O virtualization and sharing specification (SR-IOV). SR-IOV requires corresponding support in the system BIOS and in the operating system. PCI-SIG SR-IOV defines extensions of the PCI Express (PCIe) specification and enables PCI hardware resources to be shared with several system images or Virtual Machines.

The new functions for energy efficient Ethernet (EEE) and DMA Coalescing (DMAC) are also supported; this helps to decrease the power consumption of the server itself.

Main Features	Benefits
■ Based on the latest Intel® 1 GbE chip technology	■ Industry-leading, energy-efficient design for next-generation 1 Gigabit performance and multi-core processors
■ Power Management such as Ethernet Efficient Ethernet (EEE) and DMA Coalescing (DMAC) support	■ This contributes to increased efficiency and reduces power consumption.
■ 10/100/1000 Mbps	■ Automatically compatible with Ethernet, Fast Ethernet, and Gigabit Ethernet networks
■ Virtualization support via VMDq and SR-IOV	■ Multi-port cards provide the platform with the port density required for virtualized environments

Technical details

Technical details

Controller Silicon	Intel® I350-AM2 Gigabit Ethernet Controller
Controller type	Ethernet Ctrl.
Connector type	RJ45
Operating system	Information to released operating systems can be found in the server datasheets. Details can be found in the released drivers list on the support portal.
Released drivers list link	http://support.ts.fujitsu.com/Download/Index.asp
Number of ports	2
Data transfer rate(s)	1 Gbit/s; 100 MBit/s; 10 MBit/s
Auto Negotiation support	Yes
Bus interface	PCIe 2.1 x4
Bus transfer rate	5GT/s
LEDs	Link/Activity, Speed
Network protocol and standards compatibility	IEEE 802.1as Timing and Synchronization IEEE 802.1q VLAN IEEE 802.3ab 1000BASE-T IEEE 802.3ad LACP IEEE 802.3az Energy Efficient Ethernet (EEE) IEEE 802.3i 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3x Flow Control IEEE 1588 Precision Time Protocol
HW Virtualization	PCI-SIG SR-IOV specification, up to 8 Virtual Functions per Port (16 VF)
Interrupt Levels	INTA; INTB; INTC; INTD; MSI; MSI-X
WoL	Yes
Virtualization	VMware NetQueue and Microsoft VMQ (Eight transmit (Tx) and receive (Rx) queue pairs per port) On-chip VM-VM traffic enables PCIe speed switching between VM
Teaming	by OS driver
Switch fault tolerance (SFT)	Yes
Adapter fault tolerance (AFT)	Yes
Adaptive load balancing (ALB)	Yes
Remote boot support	PXE 2.1
iSCSI support	Yes
Additional features	Jumbo Frames (up to 9.5k)
Offloading	• TCP/UDP, IPv4 checksum offloads (Rx/ Tx/Large-send); Extended Tx descriptors for more offload capabilities • IPv6 support for IP/TCP and IP/UDP receive checksum offload • Tx TCP segmentation offload (IPv4, IPv6) • Transmit Segmentation Offloading (TSO) • Receive Side Scaling (RSS) for Windows environment • DMA Coalescing (DMAC)

Order code	Height of bracket	Number of ports	Related product
S26361-F3067-E86	Full Height / Low Profile	2	CELSIUS Workstation
S26361-F3067-L86	Full Height / Low Profile	2	CELSIUS Workstation
S26361-F4610-E202	Low Profile (LP)	2	PRIMERGY Server
S26361-F4610-E2	Full Height (FH)	2	PRIMERGY Server
S26361-F4610-E702	Full Height (FH)	2	PRIMERGY Server
S26361-F4610-E802	Low Profile (LP)	2	PRIMERGY Server
S26361-F4610-L502	Full Height / Low Profile	2	PRIMERGY Server

Environment

Power consumption	typ. 4.4 W; max. 4.8 W
Temperature (operating)	0 - 55 °C
Storage temperature	-40 - 70 °C

Compliance

Compliance notes	According to the corresponding system
Compliance link	http://globalsp.ts.fujitsu.com/sites/certificates

More information

Fujitsu OPTIMIZATION Services

In addition to Fujitsu with PLAN CP 2x1Gbit Cu Intel® I350-T2, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Fujitsu Portfolio
Build on industry standards, Fujitsu offers a full portfolio of IT hardware and software products, services, solutions and cloud offering, ranging from clients to datacenter solutions and includes the broad stack of Business Solutions, as well as the full stack of Cloud offering. This allows customers to leverage from alternative sourcing and delivery models to increase their business agility and to improve their IT operation's reliability.

Computing Products
www.fujitsu.com/global/products/computing/

Software
www.fujitsu.com/software/

More information

Learn more about Fujitsu PLAN CP 2x1Gbit Cu Intel® I350-T2, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
http://www.fujitsu.com/primergy

Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment.
Using our global know-how, we aim to contribute to the creation of a sustainable environment for future generations through IT.
Please find further information at http://www.fujitsu.com/global/about/environment

Green Policy Innovation

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