

# Data Sheet

## FUJITSU PLAN CP 4x1Gbit Cu Intel® I350-T4 OCPV3

Quad port 1 Gbit OCPV3

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.

consumption of the server itself.



### PLAN CP 4x1Gbit Cu Intel® I350-T4 OCPV3

Trust the network communication of the new Ethernet LAN adapter. The new Intel I350-T4 OCPV3 Ethernet LAN Adapter, based on the latest Intel® 1GbE chip technology, offers four 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

Main Features	Benefits
<b>Scalable performance</b> <ul style="list-style-type: none"> <li>Based on the latest Intel® 1 GbE chip technology</li> </ul>	<ul style="list-style-type: none"> <li>Industry-leading, energy-efficient design for next-generation 1 Gigabit performance and multi-core processors</li> </ul>
<b>Flexible power management</b> <ul style="list-style-type: none"> <li>Power Management such as Energy Efficient Ethernet (EEE) and DMA Coalescing (DMAC) support</li> </ul>	<ul style="list-style-type: none"> <li>This contributes to increased efficiency and reduces power consumption.</li> </ul>
<b>Efficient networking</b> <ul style="list-style-type: none"> <li>Virtualization support via VMDq and SR-IOV</li> </ul>	<ul style="list-style-type: none"> <li>Multi-port cards provide the platform with the port density required for virtualized environments</li> </ul>
<b>Connectivity</b> <ul style="list-style-type: none"> <li>10/100/1000 Mbps</li> </ul>	<ul style="list-style-type: none"> <li>Automatically compatible with Ethernet, Fast Ethernet, and Gigabit Ethernet networks</li> </ul>

# Technical details

## Technical details

Controller Silicon	Intel® I350-AM4 Gigabit Ethernet Controller
Controller type	Ethernet Ctrl.
Connector type	RJ45
Released drivers list link	<a href="http://support.ts.fujitsu.com/Download/Index.asp">http://support.ts.fujitsu.com/Download/Index.asp</a>
Number of ports	4
Data transfer rate(s)	1 Gbit/s; 100 MBit/s; 10 MBit/s
Auto Negotiation support	Yes
Bus interface	OCPV3
Bus transfer rate	8GT/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 (32 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	Yes
iSCSI support	Yes
Additional features	Jumbo Frames (up to 9.5k)
Offloading	<ul style="list-style-type: none"> <li>• TCP/UDP, IPv4 checksum offloads (Rx/ Tx/Large-send); Extended Tx descriptors for more offload capabilities</li> <li>• IPv6 support for IP/TCP and IP/UDP receive checksum offload</li> <li>• Tx TCP segmentation offload (IPv4, IPv6)</li> <li>• Transmit Segmentation Offloading (TSO)</li> <li>• Receive Side Scaling (RSS) for Windows environment</li> </ul>

Order code	Height of bracket	Number of ports	Related product
PYBLA274U	OCPV3	4	PRIMERGY Server
PY-LA274U	OCPV3	4	PRIMERGY Server

## Environment

Power consumption	typ. 5.0 W; max. 6.0 W
Temperature (operating)	0 - 65 °C
Storage temperature	-40 - 70 °C

## Compliance

Compliance notes	According to the corresponding system
Compliance link	<a href="https://sp.ts.fujitsu.com/sites/certificates">https://sp.ts.fujitsu.com/sites/certificates</a>

# More information

## Fujitsu products, solutions & services

In addition to PLAN CP 4x1Gbit Cu Intel® I350-T4 OCPV3, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

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Built 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 offerings. This allows customers to select from alternative sourcing and delivery models to increase their business agility and to improve their IT operation's reliability.

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### Software

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## More information

Learn more about PLAN CP 4x1Gbit Cu Intel® I350-T4 OCPV3, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website. [www.fujitsu.com/primergy](http://www.fujitsu.com/primergy)

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Please note that the data sheet reflects the technical specification with the maximum selection of components for the named system and not the detailed scope of delivery. The scope of delivery is defined by the selection of components at the time of ordering. The product was developed for normal business use.

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