

# Data Sheet

## Intel® CT Desktop LAN Adapter

CT Desktop single port 1Gbit PCIe Cu/lp 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 offers 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.

compact profile. Teaming support and an array of other advanced features enable customers to utilize this adapter as an entry-level server adapter as well.



### Intel® CT Desktop LAN Adapter

For Servers with PCI Express (PCIe) slots, the Intel® Gigabit CT Desktop Adapter offers the newest technology for maximizing system performance and increasing end-user productivity. Specifically, the Intel Gigabit CT Desktop Adapter uses auto-negotiation to ensure the adapter runs at the highest available network speed (10, 100, or 1000 Mbps), and it maintains full bandwidth capacity with the dedicated bandwidth of a PCI Express input/output (I/O) bus to provide connectivity you can count on.

Based on the low-power Intel® 82574L Gigabit Ethernet Controller, this desktop adapter offers optimal performance in a low-cost, low-power,

Main Features	Benefits
<ul style="list-style-type: none"> <li>■ Interrupt moderation</li> <li>■ Compatible with Fast Ethernet and Ethernet</li> <li>■ 10/100/1000 Mbps auto-negotiation</li> <li>■ Advanced configuration and power interface (ACPI); Wake on LAN (WoL); Preboot Execution Environment (PXE)</li> <li>■ Remote Management Support</li> <li>■ Intel® PROSet Utility for Microsoft Device Manager</li> <li>■ Advanced cable diagnostics</li> </ul>	<ul style="list-style-type: none"> <li>■ Delivers increased performance while significantly reducing CPU usage</li> <li>■ Reduces deployment and training costs and enables easy, quick migration to Gigabit Ethernet</li> <li>■ Automatically compatible with Ethernet, Fast Ethernet, and Gigabit Ethernet networks</li> <li>■ Allows low-power consumption, remote wake, and remote booting</li> <li>■ Reduces support costs with remote management based on industry-wide standards</li> <li>■ Provides point-and-click power over individual adapters, advanced adapter features, connection teaming, and virtual local area network (VLAN) configuration</li> <li>■ Dynamically tests and reports network problems (error rate, cable length) and automatically compensates for cable issues (cross-over cable, wrong pin-out/polarity)</li> </ul>

# Technical details

## Technical details

<b>Controller Silicon</b>	Intel® 82574L	
<b>Controller type</b>	Ethernet Ctrl.	
<b>Network protocol and standards compatibility</b>	IEEE 802.3i 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3ab 1000BASE-T IEEE 802.1q VLAN IEEE 802.1p Class of Service IPv4, IPv6 and mixed IPv4/IPv6 network protocols	
<b>Number of ports</b>	1	
<b>Data transfer rate up to</b>	1 Gb	
<b>Auto Negotiation support</b>	Yes	
<b>Bus interface</b>	PCIe x1	
<b>Bus type</b>	PCIe 1.1	
<b>Bus transfer rate</b>	2.5GT/s	
<b>Bus width</b>	x1	
<b>Interrupt Levels</b>	INTA MSI MSI-X	
<b>WoL</b>	Yes	
<b>WoL comment</b>	Support over PCI Express	
<b>LEDs</b>	LINK/ACTIVITY LED: off=NO LINK; on=LINK; blinking=ACTIVITY	
<b>Teaming</b>	Yes	
<b>Remote Boot support</b>	PXE 2.0	
<b>iSCSI support</b>	Yes	
<b>Additional Features</b>	Jumbo Frames	
<b>Offloading</b>	TCP segmentation/large send	
<b>Order code</b>	<b>Height of bracket</b>	<b>Number of Connectors</b>
S26361-F3516-E1	Full Height (FH)	1
S26361-F3516-E201	Low Profile (LP)	1
S26361-F3516-L1	Full Height (FH)	1
S26361-F3516-L201	Low Profile (LP)	1

## Environmental

<b>Power consumption</b>	1.9 W
<b>Temperature (Operating)</b>	0 - 55°C
<b>Temperature (Not Operating)</b>	-40 - 70°C

## Compliance

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

# More information

## Fujitsu platform solutions

In addition to Fujitsu Intel® CT Desktop LAN Adapter, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

### Dynamic Infrastructures

With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure as-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

### Computing Products

[www.fujitsu.com/global/services/computing/](http://www.fujitsu.com/global/services/computing/)

### Software

[www.fujitsu.com/software/](http://www.fujitsu.com/software/)

## More information

Learn more about Fujitsu Intel® CT Desktop LAN Adapter, 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 resolve issues of environmental energy efficiency through IT. Please find further information at <http://www.fujitsu.com/global/about/environment/>



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