

Intel 5120

Intel Xeon Gold 5120 Tray Processor User Manual

Model: 5120 | Brand: Intel

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Intel Xeon Gold 5120 Tray Processor. The Intel Xeon Gold 5120 is a high-performance server processor designed for demanding data center workloads, offering 14 cores and a base clock speed of 2.2 GHz.



Image: The Intel Xeon Gold processor logo, featuring the Intel logo, 'XEON GOLD' text, and 'inside' tagline, set against a metallic background with gold borders.

SETUP

1. Pre-Installation Checks

- Ensure your motherboard supports the Intel Xeon Gold 5120 processor and the LGA 3647 socket. Refer to your motherboard's documentation.
- Verify that your system's power supply unit (PSU) meets the power requirements for all components, including the processor.
- Gather necessary tools: thermal paste, CPU installation tool (if provided with motherboard/cooler), screwdriver, anti-static wrist strap.
- Work in a clean, static-free environment.

2. Processor Installation

1. **Prepare the Motherboard:** Open the CPU socket retention mechanism on the motherboard. For LGA 3647, this typically involves releasing multiple screws or levers.
2. **Handle the Processor:** Carefully remove the processor from its packaging. Hold it by the edges, avoiding contact with the gold contacts or the top surface.
3. **Align and Insert:** Align the processor with the socket, matching the triangular orientation marks on the processor and the socket. Gently place the processor into the socket without forcing it. The LGA 3647 socket uses a specific loading plate or frame; ensure proper alignment with this mechanism.
4. **Secure the Processor:** Close the socket retention mechanism, ensuring the processor is firmly seated and locked in place. Follow the specific instructions for your motherboard's LGA 3647 socket.
5. **Apply Thermal Paste:** Apply a small amount of high-quality thermal paste to the center of the processor's integrated heat spreader (IHS). A pea-sized dot is usually sufficient.
6. **Install CPU Cooler:** Mount the compatible CPU cooler (heatsink and fan) according to its manufacturer's instructions. Ensure even pressure distribution and secure attachment. Connect the CPU fan cable to the designated header on the motherboard.

3. System Power-Up

- Connect all necessary power cables to the motherboard and other components.
- Connect a monitor, keyboard, and mouse.
- Power on the system. Observe for initial boot-up, POST (Power-On Self-Test) messages, and fan operation.
- Enter the BIOS/UEFI setup to verify the processor is recognized correctly and to configure any necessary settings.
- Install or update your operating system and all necessary drivers, especially chipset drivers.

OPERATING

The Intel Xeon Gold 5120 processor is designed for continuous operation in server environments. Optimal performance is achieved when paired with compatible server-grade components and a robust cooling solution.

- **Workload Management:** Utilize server operating systems and virtualization software to efficiently manage workloads and allocate resources across the 14 cores.
- **Monitoring:** Regularly monitor CPU temperature and utilization using system monitoring tools to ensure stable operation and prevent overheating.
- **Software Compatibility:** Ensure all installed software, including operating systems, hypervisors, and applications, are compatible with the Intel Xeon Gold architecture.

MAINTENANCE

- **Thermal Solution:** Periodically inspect the CPU cooler for dust accumulation. Clean dust from heatsink fins and fan blades using compressed air to maintain optimal airflow and cooling efficiency.
- **Thermal Paste:** If CPU temperatures become consistently high, consider reapplying thermal paste. This typically involves carefully removing the cooler, cleaning old paste from both the CPU and cooler base, and applying new paste.
- **System Environment:** Ensure the server environment is kept clean, cool, and well-ventilated to prevent dust buildup and maintain stable operating temperatures.
- **Firmware Updates:** Keep your motherboard's BIOS/UEFI firmware updated to the latest version. These updates often include performance improvements, bug fixes, and enhanced compatibility for processors.

TROUBLESHOOTING

Common Issues and Solutions

- System Fails to Boot/No Display:**
Check all power connections, especially the CPU power connector. Reseat the CPU and RAM modules. Verify the CPU cooler is properly installed. Ensure the monitor is connected to the correct graphics output.
- Overheating/System Shutdowns:**
Verify CPU cooler installation and fan operation. Clean dust from the heatsink. Check thermal paste application. Ensure adequate case airflow. Monitor CPU temperatures using BIOS or software utilities.
- System Instability/Crashes:**
Update motherboard BIOS/UEFI to the latest version. Ensure all drivers are current. Run memory diagnostic tests. Check for power supply issues. If overclocking, revert to default settings.
- Processor Not Recognized:**
Confirm motherboard compatibility with the Intel Xeon Gold 5120. Update BIOS/UEFI to a version that supports the processor. Reseat the CPU carefully, checking for bent pins (though less common with LGA sockets, still possible with improper handling).

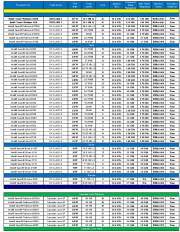
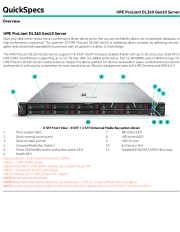
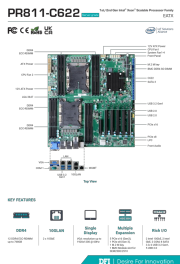
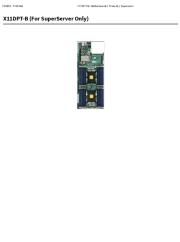
SPECIFICATIONS

Feature	Detail
Brand	Intel
Model Number	5120
CPU Manufacturer	Intel
CPU Model	Xeon Gold
Number of Cores	14
CPU Speed	2.2 GHz
CPU Socket	LGA 3647
Cache	19.25 MB
Computer Memory Type	DDR4 SDRAM
Item Weight	1.8 ounces
Product Dimensions (LxWxH)	5.51 x 19.69 x 4.72 inches

WARRANTY AND SUPPORT

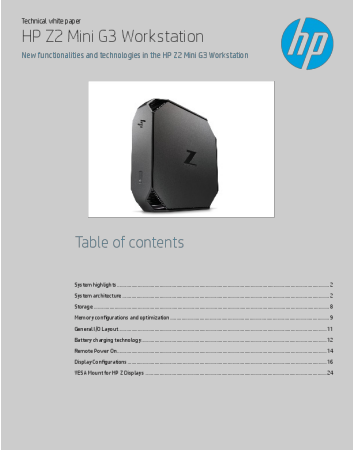
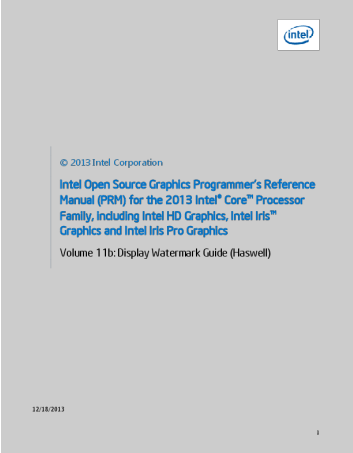
Intel processors typically come with a limited warranty. For specific warranty terms, duration, and conditions, please refer to the official Intel warranty documentation that accompanied your purchase or visit the official Intel website. For technical support, driver downloads, and additional resources, please visit the official Intel support website: [Intel Processor Support](#)

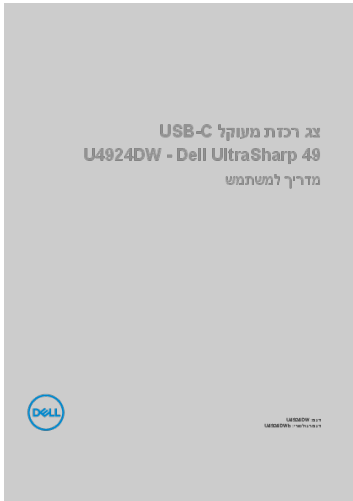
Related Documents - 5120

	Intel Xeon CPU Support List for C621-WD12 Motherboard Find detailed specifications for Intel Xeon Platinum, Gold, Silver, and Bronze processors compatible with the C621-WD12 motherboard, including SKYLAKE-S and Cascade Lake series.
	HPE ProLiant DL360 Gen10 Server: Powerful 1U Dense Server for Data Centers Explore the HPE ProLiant DL360 Gen10 Server, a 1U dense server designed for virtualization, database, and high-performance computing. Discover its key features, specifications, and configuration options.
	DFI PR811-C622 EATX Server Motherboard Intel Xeon Scalable Discover the DFI PR811-C622 EATX server motherboard, built for 1st/2nd Gen Intel Xeon Scalable Processors. Features 12 DDR4 slots, dual 10GbE LAN, extensive PCIe expansion, and rich I/O for high-performance computing.
	Supermicro X11DPT-B Motherboard Technical Specifications Detailed technical specifications for the Supermicro X11DPT-B motherboard, including processor support, memory capacity, expansion slots, and management features.
	Intel Xeon E5-2680 v4 Processor: User Manual and Installation Guide Detailed user manual and installation guide for the Intel Xeon E5-2680 v4 processor. Covers specifications, compatible components, installation steps, troubleshooting, and performance optimization for server and workstation environments.

	Supermicro SuperServer 1029U-E1CR4T: Specifications and Features Detailed specifications and key features of the Supermicro SuperServer 1029U-E1CR4T, a high-end enterprise server designed for virtualization and cloud computing.
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Documents - Intel – 5120

	[pdf] User Manual Owner's Manual Specifications Documentation Guide OptiPlex 5000 Tower Setup and Specifications Owner s Manual manual guide documentation Dell Inc Desktop Intel i5 12500 8 GB Memory 256 SSD User HYDM3 0884116437819 Black files bbystatic vvCmWBK1N6sLVfbENQVRsw OptiPlex 5000 Tower Setup and Specifications Regulatory Model: D32M Regulatory Type: D32M001 Mar 202 ... 2304 DP1.4 HBR2, 4096 x 2304 60 Hz 60 Hz 60 Hz Supported 5K Displays 5K tiled resolution 5120 x 2880 support on DP panels. NOTE: Needs two DP cables driven through two separate DDIs from t... lang:en score:33 filesize: 5.07 M page_count: 23 document date: 2022-03-03
	[pdf] User Manual Guide HP Z2 Mini G3 Workstation ITCreations The Performance model can be configured to use only the NVIDIA® Quadro® GPU or both and Intel® HD Graphics technical guide nr itcreations user manuals Technical white paper HP Z2 Mini G3 Workstation New functionalities and technologies in the HP Z2 Mi ... s DP PORT 2 DP PORT 1 DP PORT 3 2k = 2160 x 1600 60Hz, 24bpp 4k = 4096 x 2160 60Hz, 24bpp 5k = 5120 x 2880 60Hz, 24bpp Intel HD Graphics P530 or 530 Figure 11. Display Setup: Entry Model: 3x 4k... lang:en score:30 filesize: 2.44 M page_count: 25 document date: 2017-03-10
	[pdf] User Manual Documentation Guide Warranty Display Watermark Guide 4 Intel Corporation intel gfx prm osrc hsw displaywatermark guide 01 org sites default files documentation 2013 Intel Corporation Intel Open Source Graphics Programmer s Reference Manual PRM for the 2013 ... nd memory value of 22.0: Watermark intermediate value = floor 22.0 / 12.5 us 1 * 640 * 4 Bpp = 5120 Watermark final value = ceiling 5120 / 64 2 = 82 Note: Pixel rate may have to be adjusted,... lang:en score:29 filesize: 152.56 K page_count: 20 document date: 2013-12-18

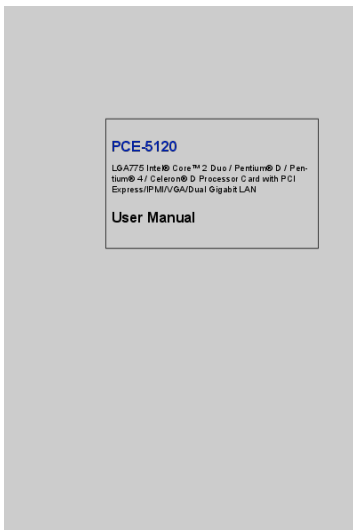


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Dell UltraSharp 49 Curved USB C Hub Monitor U4924DW מדריך למשתמש User's Guide THANUJA L
שחור כסף מסכי Ultra HD LCD אפיקסלים 1440 x 5 ס מ אינץ' 51.2 DELL 124 5 5120 נתוני מוצר manual 6.0 MB
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USB-C U4924DW - Dell UltraSharp 49 U4924DW : U4924DWb : : : : : , TFT ,
U4924DW Dell : .LED LCD . 49.00 124.46 . , 32:9 1440 **5120** . Display P3- ,DCI-P3 98
,Rec.709 100 ,sRGB 100 .2 Delta E 98 D QHD- ...

lang:i-klngon **score:27** filesize: 6.04 M page_count: 101 document date: 2023-02-27



[Advantech PCE-5120 User Manual: LGA775 Processor Card with PCI Express, IPMI, VGA, Dual Gigabit LAN](#)

This user manual provides detailed information on the Advantech PCE-5120, an LGA775 processor card featuring PCI Express, IPMI, VGA, and dual Gigabit LAN. It covers hardware configuration, peripheral connections, BIOS setup, software installation, and product specifications for industrial applications.

lang:en **score:25** filesize: 3.05 M page_count: 123 document date: 2007-05-03

PCE-5120

PICMG 1.3 Full-sized Intel® LGA775 processor Card with PCI Express / IPMI / VGA / Dual Gigabit LAN

User Manual

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PCE 5120 User Manual Ed2 book Andy Taylor Copyright This document is copyrighted 2007 by Advantech Co Ltd All No part of this manual may be reproduced copied translated or transmit ted in any form 5120man support elmark pl advantech

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Intel® Virtual RAID on CPU (Intel® VROC) Driver for ESXi®

User Guide

Revision 006

September 2024

[\[pdf\]](#) Specifications Guide

Intel® Virtual RAID on CPU VROC Driver for ESXi® User Guide CCG CCE Tech Pubs Intel Corp ESXi Sep 4 2024 — You may not use or facilitate the of this document in connection with any infringement other legal analysis UserGuide cdrdv2 public intel 840790 |||

Intel Virtual RAID on CPU Intel VROC Driver for ESXi® User Guide Revision 006 September 2024 You ... VolumeSize eg Volume Creation : intel-vmldr-cli createvol vmhba2 -b 64 -d 0,1 -l 1 -n testvolume -c 5120 eg RAID Migration : intel-vmldr-cli createvol vmhba2 -b 64 -d 0,1 -l 1 -n testvolume -s 1 -c 512...

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Dell UltraSharp 49 krökt bildskärm
med USB-C-nav - U4924DW
Bruksanvisning

Modell: U4924DW
Programnummer: U4924DW

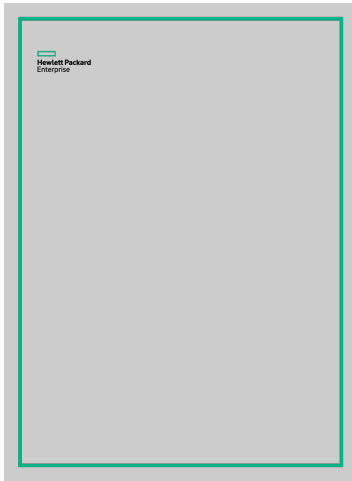


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Dell UltraSharp 49 Curved USB C Hub Monitor U4924DW Bruksanvisning User s Guide THANUJA L Ladda ner Köp DELL 124 5 cm 5120 x 1440 pixla mmo 109212354 1678387484 3684 1532 objects icecat biz |||

Dell UltraSharp 49 krkt bildskrm med USB-C-nav - U4924DW Bruksanvisning Modell: U4924DW Regelverksmo ... elysning. Bildskrmens egenskaper inbegriper: 124,46 cm 49,00 tum visningsbart omrde diagonalt . 5120 x 1440 32:9 -upplsning och std fr helskrmslge fr lgre upplsningar. Vid tittvinkel som mjliggr...

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HP FlexNetwork 5120 SI 16G Rackmount Gigabit Managed Switch 16x RJ 45 4x SFP Manual

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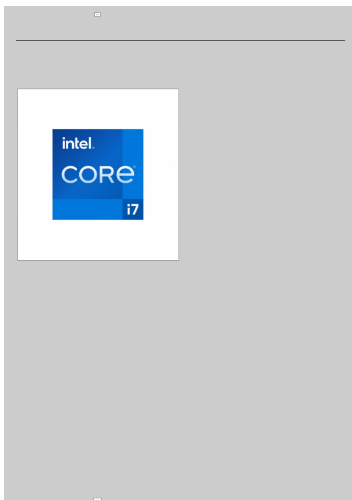
HPE FlexNetwork **5120** SI Switch Series Installation Guide Part number: 5998-8481a

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without notice. The only warranties for Hewlett Packard Enterprise ...

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[\[pdf\]](#) Instructions

PROCESSADOR INTEL CORE I7 12700K 3 60GHZ LGA1700 5 giorni fa — HT Techn Sim Intel® AES

New Instructions NI Secure Key OS Guard Tecnologia Clear prodotto 350565 prinfor pt module productto

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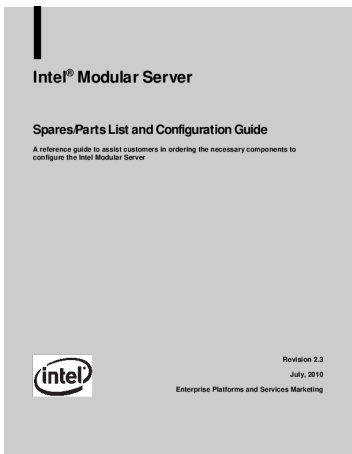
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BX8071512700K Preo do produto: 523,57 im ... placa grfica integrada Displ 7680 x

4320 pixels Resoluo mxima da placa grfica integrada eDP - **5120** x 3200 pixels Verso

do DirectX da placa grfica integrada 12.0 Verso do OpenGL da placa grfica...

lang:es **score:21** filesize: 61.4 K page_count: 3 document date: 2022-09-04



[\[pdf\]](#) Parts List Reference Guide Guide Declaration of Conformity Configuration Guide

Microsoft Word ModSrv Config Guide2 3 doc smniemi Intel Modular Server techbuy au July 10 Intel®

Configuration Guide Page 2 of 1 Table Contents TABLE OF CONTENTS REVISION HISTORY INTEL

MODULAR SERVER CONFIGURATION CHART 4 PRODUCTION ORDER CODES 5 MFS5000SI

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Intel Modular Server Spares/Parts List and Configuration Guide A reference guide to

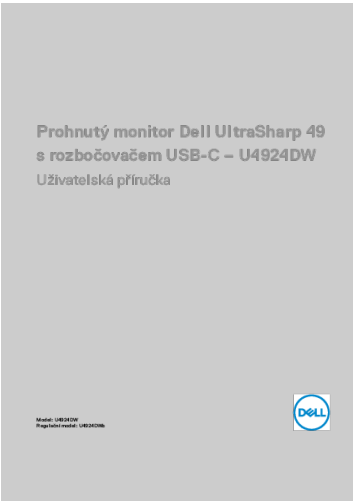
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Dual-Core Intel Xeon Processor 5110 BX80556**5120A** 892150 SLAGD 1.86GHz

1066MHz 4MB Dual-Core Intel Xeon Processor **5120** BX805565130A 892166

SLAG...

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[pdf] Guide

Dell UltraSharp 49 Curved USB C Hub Monitor U4924DW Uživatelská příručka User s Guide THANUJA L

11 5 MB údaje o výrobku DELL 124 cm 5120 x 1440 px 5K Ultra HD LCD Černá Stříbrná Ploché

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Prohnut monitor Dell UltraSharp 49 s rozbočovacem USB-C U4924DW Uzivatelsk prucka Model: U4924DW Re ... svcen. Mezi pednosti monitoru pat: Vidityeln plocha 124,46 cm 49,00 palc meno hlopcn . Rozlisen **5120** x 1440 32:9 a podpora zobrazen na celou obrazovku pro nyzs rozlisen. Sirok pozorovac hel umo...

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Manuale HP Monitor PC 40 Curvo LED 5120 x 2160 Px Display WUHD 3A6F7AA 390515 mmo 93471386

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Scheda tecnica HP Z40c G3 WUHD Curved Display La vostra finestra sul mondo.

Immergetevi in un esp ... s GtG con overdrive 1 Colore prodotto Nero e argento

Proporzioni Risoluzione nativa 21:9 WUHD **5120** x 2160 1,3 Risoluzioni supportate

640 x 480; 720 x 400; 800 x 600; 1024 x 768; 1280 x 800; 12...

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[pdf] Quick Start Guide Guide

Lenovo ThinkVision P40w 20 100 8 cm 39 7 5120 x 2160 pixels 5K Ultra Quick start guide Package width

1085 mm depth 275 height 526 weight kg Publication date 06 MAR 2022 Prints or copies of Information

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Lenovo ThinkVision P40w-20 100.8 cm 39.7 **5120** x 2160 pixels 5K Ultra HD LED

Black Brand : Lenovo Product name : P40w-20 Product family: ThinkVision Product

code: 62C1GAT6UK 39.7 **5120** x 2160 WUHD, 2500R, WLED Lenovo ThinkVision

P40w-20 100.8 cm 39.7 **5120** x 2160 pixels 5K Ultra HD LED Black...

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OptiPlex 7000 Tower
Setup and Specifications

[\[pdf\]](#) User Manual Datasheet Warranty

PCE 5120 Startup Ed1 fm David Antoniuk LGA775 Intel® Pentium® D 4 Celeron Manual 1 Celeron® Processor Card with PCI Express IPMI VGA Dual Gigabit LAN Before you begin installing your card please make sure that the following materials have been shipped If any of these items are missing or damaged contact ATS 13F 03 C1 R0 adv advantech productfile Downloadfile4 2390CX y ic datasheet 9a PCE-**5120** LGA775 Intel Pentium D / Pentium 4 / Celeron D Processor Card with PCI Express / IPMI / VGA / Dual Gigabit LAN PCE-**5120** LGA775 Intel Pentium D / Pentium 4 / Celeron D Processor Card with PCI Express / IPMI / VGA / Dual Gigabit LAN Packing List Before you begin installing your card, please...

lang:en score:19 filesize: 204.8 K page_count: 4 document date: 2006-08-15

[\[pdf\]](#) User Manual Owner's Manual Specifications

OptiPlex 7000 Tower Setup and Specifications Owner s Manual Dell Inc or its subsidiaries Desktop Intel
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OptiPlex 7000 Tower Setup and Specifications Regulatory Model: D31M Regulatory
Type: D31M001 Mar 202 ... , 4096 x 2304 60 Hz DP1.4 HBR2, 4096 x 2304 60 Hz
Supported 5K Displays 5K tiled resolution **5120** x 2880 support 5K tiled resolution
5120 x 2880 support on DP panels. on DP panels. NOTE: ...
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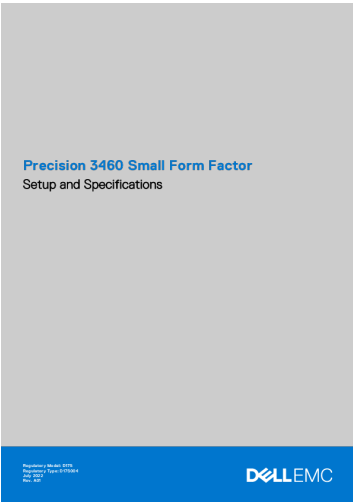


Dane techniczne

Essentials	
Vertical Segment	Server
Lithography	14 nm
Status	Launched
Launch Date	Q3'17
Processor Number	5120
Performance	
Max Turbo Frequency	3.20 GHz

[pdf] Specifications

INTEL XEON GOLD 5120 elektronikjk.pl elementy czynne IC
PROCESOR INTEL XEON GOLD **5120** 19,25 MB pamici cache, 2,20 GHz Dane techniczne Essentials Vertical Segment Lithography Status Launch Date Processor Number Performance Max Turbo Frequency Server 14 nm Launched Q3 17 **5120** 3.20 GHz # of Threads TDP Processor Base Frequency # of Cores Cache Supple...
lang:en score:18 filesize: 74.77 K page_count: 4 document date: 2018-11-02



[pdf] User Manual Owner's Manual Specifications

Precision 3460 Small Form Factor Setup and Specifications Owner s Manual Dell Inc or its subsidiaries
Manufacturer DELL DDR5SDRAM i712700 SFF Intel® Core™ i7 16 GB 512 mmo 99160541 1659524958
4243 14709 objects icecat.biz |||
Precision 3460 Small Form Factor Setup and Specifications Regulatory Model: D17S
Regulatory Type: D1 ... 1920 x 1200 60 Optional card with VGA 1920 x 1200 Hz 60
Hz Optional card with DP 1.4 **5120** x 3200 Optional card with DP 1.4 **5120** x 3200 60
Hz 60 Hz Optional card with HDMI 2....
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Nikao zhang B 28 dic 2024 — ® ™ B Intel® Arc™ Series
MAXSUN Intel Battlemage Setting Guide V7 maxsun.cn 8443 vga intel Document |||
B Intel Arc B580 B : ™ B B580 : B580 B ™ B Intel Arc™ B-Series AI Xe2 XMx Xe-
... HDMI HDMI 2.1a Maximum Supported Resolutions Up to 7680 x 4320 60 Hz, or
7680 x 2160 165Hz, or **5120** x 2880 240Hz, or **5120** x 1440 360Hz, or 3840 x 2160
360Hz Up to 7680 x 4320 60 Hz, or 76...
lang:en score:18 filesize: 751.5 K page_count: 15 document date: 2024-12-30

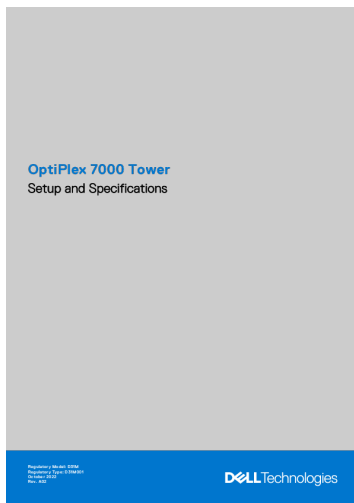


[\[pdf\]](#) Quick Start Guide Specifications Dimension Guide Guide

Alienware Aurora R15 Setup and Specifications specifications specs quick start guide features setup Windows dimensions weight height width depth 13th Generation Intel Core i5 i7 i9 chipset Z690 DDR5 dual channel memory AMD Radeon RX 6500 XT 6600 6700 6800 6900 NVIDIA GeForce RTX 3050 3060 Ti 3070 3080 3090 wireless WLAN Realtek RTL8852BE Wi-Fi 6 AX210 Killer AX1675x Fi 6E Bluetooth 5.2 USB 3.2 Gen 2 Dell dell content manual14712466 alienware aurora r15 language en useable AMT on intel core 19 generation Communityalienware usdl us |||

Alienware Aurora R15 Setup and Specifications Regulatory Model: D30M Regulatory Type: D30M004 April ... th3: 32.40 Gbps DisplayPort: 7680 x 4320 at 120 Hz4 7680 x 4320 at 60 Hz5 7680 x 4320 at 60 Hz6 **5120** x 3200 at 60 Hz7 **5120** x 2880 at 60 Hz7 HDMI: 7680 x 4320 at 60 Hz 3840 x 2160 at 120 Hz 409...

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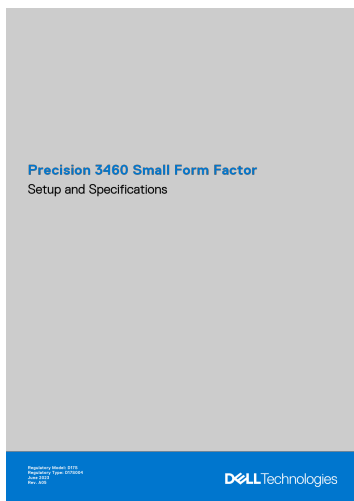


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OptiPlex 7000 Tower Setup and Specifications Owner's Manual Dell Inc or its subsidiaries Računalnik MT Optiplex i7 12700 Q670 16GB SSD512GB Intel 770 3xDP 260W 85%Win11Pro E misija d o opti7000mt ss en us dl dell content manual18461620 optiplex tower setup specifications language |||

OptiPlex 7000 Tower Setup and Specifications Regulatory Model: D31M Regulatory Type: D31M001 October ... 770 Optional Module Option card with VGA 1920 x 1200 60 Hz Option card with DP1.4a HBR3 **5120** x 3200 60 Hz Option card with HDMI 2.0b 4096 x 2160 60 Hz Option card with Type-C 512...

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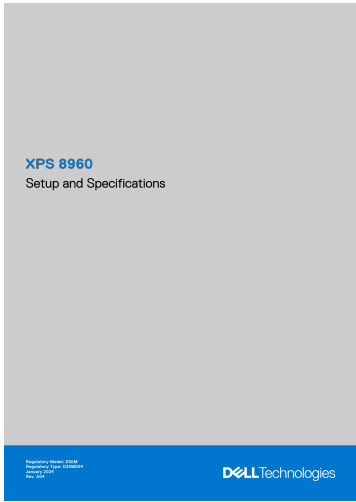


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Precision 3460 Small Form Factor Setup and Specifications Owner's Manual Dell Inc or its subsidiaries ViewDELL Intel® Core™ i7 13700 16 GB DDR5 SDRAM 512 SSD NVIDIA T1000 Windows 11 Pro SFF Workstation Black Viewmmo 117867344 1703235065 1923 1795758objects icecat biz objects mmo 1795758 |||

Precision 3460 Small Form Factor Setup and Specifications Regulatory Model: D17S Regulatory Type: D1 ... ontinued Description Media-card reader Security-cable slot Values DisplayPort 1.4a HBR3 : Up to **5120** x 3200 60Hz VGA: Up to 1920 x 1200 60Hz One USB 3.2 Gen 2 type-C port with DisplayPort Alt ...

lang:en **score:17** filesize: 4.27 M page_count: 24 document date: 2023-08-16



[pdf] Quick Start Guide Specifications Datasheet Dimension Guide Guide Borchure XPS 8960 Setup and Specifications specifications specs quick start guide features setup Windows dimensions weight height width depth 13th Generation Intel Core i5 i7 i9 chipset Z690 DDR5 dual channel memory AMD Radeon RX 6500 XT 6600 6700 6800 6900 NVIDIA GeForce RTX 3050 3060 Ti 3070 3080 3090 wireless WLAN Killer 1675i Wi Fi6E 1650i Fi 6 Bluetooth 5 2 USB 3 Gen 1 PowerShare Type C 2x2 M 2230 2280 s Dell DELL Intel® Core™ 13700 16 GB SDRAM 51 TB HDD SSD 4060 11 Pro Desktop PC Black Product Brochure Datasheet MB BDX89618 mmo 118463887 1706183558 2904 14657 objects icecat biz ||| XPS 8960 Setup and Specifications Regulatory Model: D30M Regulatory Type: D30M004 January 2024 Rev. ... th3: 32.40 Gbps DisplayPort: 7680 x 4320 at 120 Hz4 7680 x 4320 at 60 Hz5 7680 x 4320 at 60 Hz6 **5120** x 3200 at 60 Hz7 **5120** x 2880 at 60 Hz7 HDMI: 7680 x 4320 at 60 Hz 3840 x 2160 at 120 Hz 409... lang:en score:16 filesize: 2.18 M page_count: 28 document date: 2024-01-22

Processor	Graphics	Max Resolution	Max Refresh Rate	Max Bit Depth	Max Color Gamut	Max Power Consumption
Intel Core i3-12100	Intel UHD 730	4096 x 2160	60 Hz	10-bit	sRGB	15W
Intel Core i5-12400	Intel UHD 730	4096 x 2160	60 Hz	10-bit	sRGB	15W
Intel Core i7-12700	Intel UHD 730	4096 x 2160	60 Hz	10-bit	sRGB	15W
Intel Core i9-12900	Intel UHD 730	4096 x 2160	60 Hz	10-bit	sRGB	15W
Intel Core i3-12100F	Intel UHD 730	4096 x 2160	60 Hz	10-bit	sRGB	15W
Intel Core i5-12400F	Intel UHD 730	4096 x 2160	60 Hz	10-bit	sRGB	15W
Intel Core i7-12700F	Intel UHD 730	4096 x 2160	60 Hz	10-bit	sRGB	15W
Intel Core i9-12900F	Intel UHD 730	4096 x 2160	60 Hz	10-bit	sRGB	15W
Intel Core i3-12100T	Intel UHD 730	4096 x 2160	60 Hz	10-bit	sRGB	15W
Intel Core i5-12400T	Intel UHD 730	4096 x 2160	60 Hz	10-bit	sRGB	15W
Intel Core i7-12700T	Intel UHD 730	4096 x 2160	60 Hz	10-bit	sRGB	15W
Intel Core i9-12900T	Intel UHD 730	4096 x 2160	60 Hz	10-bit	sRGB	15W
Intel Core i3-12100N	Intel UHD 730	4096 x 2160	60 Hz	10-bit	sRGB	15W
Intel Core i5-12400N	Intel UHD 730	4096 x 2160	60 Hz	10-bit	sRGB	15W
Intel Core i7-12700N	Intel UHD 730	4096 x 2160	60 Hz	10-bit	sRGB	15W
Intel Core i9-12900N	Intel UHD 730	4096 x 2160	60 Hz	10-bit	sRGB	15W
Intel Core i3-12100M	Intel UHD 730	4096 x 2160	60 Hz	10-bit	sRGB	15W
Intel Core i5-12400M	Intel UHD 730	4096 x 2160	60 Hz	10-bit	sRGB	15W
Intel Core i7-12700M	Intel UHD 730	4096 x 2160	60 Hz	10-bit	sRGB	15W
Intel Core i9-12900M	Intel UHD 730	4096 x 2160	60 Hz	10-bit	sRGB	15W
Intel Core i3-12100H	Intel UHD 730	4096 x 2160	60 Hz	10-bit	sRGB	15W
Intel Core i5-12400H	Intel UHD 730	4096 x 2160	60 Hz	10-bit	sRGB	15W
Intel Core i7-12700H	Intel UHD 730	4096 x 2160	60 Hz	10-bit	sRGB	15W
Intel Core i9-12900H	Intel UHD 730	4096 x 2160	60 Hz	10-bit	sRGB	15W

[pdf] tfali List of HD Graphics for Intel® Core™ Desktop Processors i9 eDP 5120 x 3200 @ 120Hz 13900F 13th 24 5 60 36 65 128 Up to DDR5 5600 DDR4 LGA1700 No* N A 13900 Intel Core GFX cdrdv2 public intel 840438 ||| List of HD Graphics for Intel Core™ Desktop Processors for i9 Click the link in the Processor Numbe ... 1700 UHD 770 LGA1700 UHD 770 LGA1700 No* HDMI: 4096 x 2160 60Hz 1.65 DP: 7680 x 4320 60Hz eDP: **5120** x 3200 120Hz N/A N/A HDMI: 4096 x 2160 60Hz 1.65 DP: 7680 x 4320 60Hz eDP: **5120** x 3200 ... lang:en score:16 filesize: 304.87 K page_count: 2 document date: 2023-03-06

Сервис №1 в Украине
для владельцев серверов

Процессор серверный DELL EMC Intel
Xeon Gold 5120 (338-BLUX-08) **Новинка**

Есть в наличии Код для заказа: 338-BLUX-08

Процессор серверный DELL EMC Intel Xeon Gold 5120 (338-BLUX-08)

Гарантия: 12 месяцев от компании "Сервер-Шоп"

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Цена без НДС: 31 268.00 грн
Цена без НДС: 31 268.00 грн

12 лет

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компаний
"Сервер-Шоп"

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пн - пт: с 09:00 до 18:00

[pdf] SERVER SHOP UA Предложение в Процессор серверный DELL EMC Intel Xeon Gold 5120 338 BLUX 08 Купить server shop ua 14565 protsessor servernyj dell emc intel xeon gold blux ||| HP, DELL, IBM / , , DELL EMC Intel Xeon Gold **5120** 338-BLUX-08 : 338-BLUX-08 DELL EMC Intel Xeon Gold **5120** 338-BLUX-08 : 12 : 31 268 / : 31 268.00 / : 31 268.00 12 0 800 751-880 SERVER-SHOP.UA - : 09:00 18:00 ., ., 11 ... lang:en score:16 filesize: 88.09 K page_count: 1 document date: 2022-10-01

Intel Xeon Gold 5120 - 2,2 GHz - 14 Kerne - 28 Threads	
19,25 MB Cache-Speed: - LGA3647 Socket - Box	
Gruppe	Prozessoren
Hersteller	Intel
Hersteller Art. Nr.	8468671610
EAN/UPC	501081704411
	
Beschreibung	
Intel Xeon Gold 5120 - 2,2 GHz - 14 Kerne - 28 Threads - 19,25 MB Cache-Speed: - LGA3647 Socket - Box	
Hauptmerkmale	
Produktbeschreibung	Intel Xeon Gold 5120 / 2,2 GHz Prozessor
Produktart	Prozessor
Prozessorchip	Intel Xeon Gold 5120
Anzahl der Kerne	14 Kerne / 28 Threads
Cache-Speicher	19,25 MB
Gewicht des Sockels	LGA3647 Socket
Prozessoren...	1
Teilfrequenz	2,2 GHz
Max. Turbo-Frequenz	3,2 GHz
Verstärkungsgeräten	14 mm
Funktionen	Hyper-Threading-Technologie, Intel Virtualization Technology, Intel 64 Technology, Intel Threading Distribution Technology, Streaming SIMD-Overlappungen v. 4, Intel AVX-512 SIMD-Overlappungen v. 4, Intel Turbo Boost Technology 2.0, Intel AES New Instructions (AES-NI), Intel vPro Technology, Intel Advanced Vector Extensions 2 (AVX2), Intel TSX-M, Intel Speed Shift Technology, Intel Advanced Vector Extensions 2 (AVX2), Intel AVX-512, Intel-based Enclave Control (Intel), Intel Volume Management Device (VMD)
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RPC-520



12.1" Fully Protected Panel PC with 6th Gen Intel® Core™ i5-6200U processor

Overview

The Intel i5-620U is a 12" industrial grade touch-panel PC assembled by a high performance Intel® Core™ i5 processor. Ideally suited for use in industrial HMI applications, Web UIs, modular, tablets, and touchpoint displays, the robust RPC-520 is fully IP65 rated for the toughest and most rugged protection, ensuring extreme durability. The PCF anti-glare display screen option available in both 4:3 and 16:9 aspect ratios. Moreover, it comes equipped with M12x1 D-sub connectors, empowering it to withstand even the harshest environments.

Features

- Intel® Core™ i5-6200U processor
- 12.1" panel PC with capacitive or resistive touch screen
- Suitable to full IP65 protection against water and dust
- IP65 connector for maximum protection against vibration, shock and dirt
- SD / SD+ / eSD / operating Temperature







Operating Temp

Power Input

IP65

RF Communication

IP65





I/O Interfaces



www.darwin.com.cn

[illegible]

[\[pdf\]](#) Instructions

Datenblatt Intel Xeon Gold 5120 2 GHz 14 Kerne 28 Threads days ago — Produktbeschreibung

Prozessor Produkttyp Prozessortyp Anz der datablad 1834552 processor cpu wof intel xeon gold na x 22
ghz core sockel 3647 105 w asset conrad media10 add 160267 c1 de 849875350SDS00 |||

Intel Xeon Gold **5120** - 2.2 GHz - 14 Kerne - 28 Threads 19.25 MB Cache-Speicher - LGA3647 Socket - Box Gruppe Hersteller Hersteller Art. Nr. EAN/UPC Prozessoren
Intel BX80673**5120** 5032037104111 Beschreibung Intel Xeon Gold **5120** - 2.2 GHz - 14 Kerne - 28 Threads - 19.25 MB Cache-Speicher - LGA3647 S...

lang:de score:16 filesize: 73.61 K page count: 1 document date: 2023-02-03

[\[pdf\]](#) Specifications

1 gwg RPC 5120 EN darveen 2025 04 III

RPC-**5120** 12.1 Fully Protected Panel PC with 6th Gen Intel Core™ i5-6200U processor Overview The RPC-**5120** is a 12.1 industrial-grade touch panel PC powered by a high-performance Intel Core i5 processor, ideally suited for use in industrial HMI applications. With its modular, fanless, and shockproo...

lang:en score:15 filesize: 3.64 M page count: 3 document date: 2025-04-28

[\[pdf\]](#)

Максим Башкатов Smartum Panel 5120 empc ru upload iblock 114 |||

Smartum Panel-**5120** Smartum Panel -**5120** 12- 1024 x 768 . Celeron J1900. Mini
PCI-Express. : Intel Celeron J1900 2.0 4 DDR3L-1333 240 SATA SSD 2 x RS-
232/422/485 2 x USB 3.0. 2 x USB 2.0 : Chipset Ethernet USB COM Audio xx ...

lang:fr score:15 filesize: 398.39 K page count: 2 document date: 2021-04-21

NCP-5120(B) Dual Cavium OCTEON MIPS64 Multi-Core Processor-based Network Appliance



Features

- Dual Cavium OCTEON MIPS64 Multi-Core Processor with 16 Cores each
- Supports Security and de-/compression engine
- 16 x 10 Gigabit Ethernet ports
- Supports one 64-bit/66 MHz PCI-X slot
- Supports one 2.5 SATA HDD

Specifications

Processor System	Processor	Cavium OCTEON MIPS64	Cores	32 Cores
Cache	Cache	Cache	Cache	Cache
System Memory	System Memory	System Memory	System Memory	System Memory
Boot Time	Boot Time	Boot Time	Boot Time	Boot Time
Networking Interface	Networking Interface	Networking Interface	Networking Interface	Networking Interface
Storage System	Storage System	Storage System	Storage System	Storage System
OS Version	OS Version	OS Version	OS Version	OS Version
Power	Power	Power	Power	Power
Casing	Casing	Casing	Casing	Casing
Weight	Weight	Weight	Weight	Weight
Physical Dimensions	Physical Dimensions	Physical Dimensions	Physical Dimensions	Physical Dimensions
Compliance	Compliance	Compliance	Compliance	Compliance

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[pdf] Specifications

NCP 5120 B 5120ds support elmark pl advantech |||

NCP-5120 B Dual Cavium OCTEON MIPS64 Multi-Core Processor-based Network Appliance Features Dual Cavium OctionPlus CN5860-SCP 800 MHz, MIPS64 Processors with 16 Cores each Supports Security and de-/compression engine Up to 20 Gigabit Ethernet ports Supports one 64-bit/66 MHz PCI-X slot Supports...

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PCE-5120-A2E LGA775 Core™ 2 Duo Processor Card with PCI Express/VGA/Dual GbE LAN



Features

- Supports LGA 775 Intel Core™ 2 Duo Processor with 1066/800/533 MHz FSB
- Supports dual-channel DDR2 533/667 SDRAM up to 4 GB
- Dual Gigabit Ethernet ports
- Supports VGA output
- Supports PCI Express slot
- Supports SATA HDD

Specifications

Processor System	Processor	Cavium OCTEON MIPS64	Cores	32 Cores
Cache	Cache	Cache	Cache	Cache
System Memory	System Memory	System Memory	System Memory	System Memory
Boot Time	Boot Time	Boot Time	Boot Time	Boot Time
Networking Interface	Networking Interface	Networking Interface	Networking Interface	Networking Interface
Storage System	Storage System	Storage System	Storage System	Storage System
OS Version	OS Version	OS Version	OS Version	OS Version
Power	Power	Power	Power	Power
Casing	Casing	Casing	Casing	Casing
Weight	Weight	Weight	Weight	Weight
Physical Dimensions	Physical Dimensions	Physical Dimensions	Physical Dimensions	Physical Dimensions
Compliance	Compliance	Compliance	Compliance	Compliance

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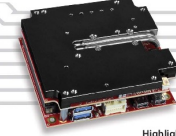
[pdf] Specifications Dimension Guide

PCE 5120 A2E DS adv advantech productfile Downloadfile 1 241H04

PCE-5120-A2E LGA775 Core™ 2 Duo Processor Card with PCI Express/VGA/Dual GbE LAN NEW Features Complies with PICMG 1.3 Supports LGA 775 Intel Core™ 2 Duo with 1066/800/533 MHz FSB Supports dual-channel DDR2 533/667 SDRAM up to 4 GB One PCIe x16 and four PCIe x1 links to backplane Dual Gigab...

lang:en score:15 filesize: 339.41 K page_count: 2 document date: 2008-04-22

Eagle Embedded Processing Unit



Overview

The Eagle is a rugged embedded computer that features a 4-core Atom E processor, a rapid down high-speed 10/100/1000 Ethernet connecting 10/100/1000 Ethernet, and a high-performance computing capability in a small form factor.

Highlights

- High Performance Processor
- 4-core Atom E
- High-Speed Ethernet
- 10/100/1000 Ethernet
- High-Speed Ethernet
- 10/100/1000 Ethernet
- High-Speed Ethernet
- 10/100/1000 Ethernet

Specifications

Processor System	Processor	Cavium OCTEON MIPS64	Cores	32 Cores
Cache	Cache	Cache	Cache	Cache
System Memory	System Memory	System Memory	System Memory	System Memory
Boot Time	Boot Time	Boot Time	Boot Time	Boot Time
Networking Interface	Networking Interface	Networking Interface	Networking Interface	Networking Interface
Storage System	Storage System	Storage System	Storage System	Storage System
OS Version	OS Version	OS Version	OS Version	OS Version
Power	Power	Power	Power	Power
Casing	Casing	Casing	Casing	Casing
Weight	Weight	Weight	Weight	Weight
Physical Dimensions	Physical Dimensions	Physical Dimensions	Physical Dimensions	Physical Dimensions
Compliance	Compliance	Compliance	Compliance	Compliance

VersaLogic Corporation

[pdf] Datasheet

Eagle VL EPU 5120 Product Data Sheet VersaLogic Corporation DS versalogic themes vsl new assets ||| Product Data Sheet Eagle Embedded Processing Unit 90 x 96 x 37 mm 3.54 x 3.78 x 1.46 Overview T ... Instructions, Intel vPro. Connection for 3.0V RTC backup battery Model Idle Average Max. VL-EPU-5120-EDP-16X 4.2 W 26.1 W 48.0 W VL-EPU-5120-EDP-32X 4.2 W 26.7 W 49.2 W 10V 15VDC nominal 12V...

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[pdf] Warranty Borchure

Brochure Lenovo ThinkSystem 7X99A01KEA Intel Xeon 5000 1 x 5120 16 GB Rack 123pc nl mmo

40333498 1512996220 826 13401 objects icecat biz |||

ThinkSystem SR590 7X99A01KEA Region EET,MEA,RUCIS,WE Machine Type 7X99 TopSeller No Processor 1x Xeon Gold **5120** 14C/2.2GHz/19.25MB/105W/DDR4-2400 Memory 1x 16GB RDIMM DDR4-2666 Storage Controller 1x 930-8i 2GB Flash Disk Bays 8x 2.5 SATA/SAS HS Disks Open Power Supply 1x 750W Platinum Warranty 3- ...

lang:en score:14 filesize: 475.53 K page_count: 3 document date: 2017-12-11

Lenovo



ThinkSystem SR590 7X99A01KEA Intel Xeon 5000 1 x 5120 16 GB Rack 123pc nl mmo



[pdf] Specifications Datasheet

Eagle VL EPU 5120 Product Data Sheet VersaLogic Corporation EDP 32X datasheet by SnapEDA s3 amazonaws snapeda |||

Product Data Sheet PRELIMINARY Eagle Embedded Processing Unit PRELIMINARY 90 x 96 x 37 mm 3.54 x ... Instructions, Intel vPRO. Connection for 3.0V RTC backup battery Model Idle Average Max. VL-EPU-**5120**-EDP-16X 4.2 W 26.1 W 48.0 W VL-EPU-**5120**-EDP-32X 4.2 W 26.7 W 49.2 W 10V 15VDC All voltage...

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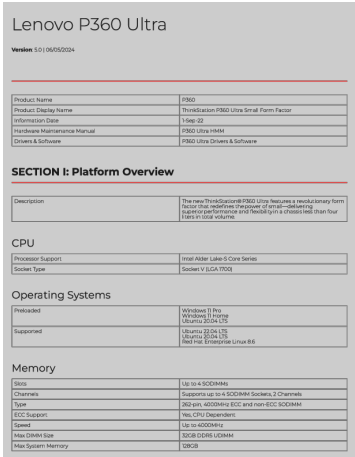


[pdf] Borchure

Manufacturer s Product Brochure HP Envy 34 c0000 c0010 All in One Computer Intel Core i7 11th Gen 11700 Octa core 8 2 50 GHz 32 GB RAM DDR4 SDRAM 512 M PCI Express NVMe SSD WUHD 5120 x 2160 Desktop Turbo Silver Camcor 350069282 319K0AAABA camcor brochures |||

ProductSheet HP ENVY All-in-One 34-c0010 Bundled PC 319K0AA Designed by Creators for Creators The ... Integrated Graphics integrated Intel UHD Graphics 750 Display 86.36 cm 34 diagonal, WUHD **5120** x 2160 , IPS, three-sided micro-edge, anti-glare, 500 nits, 98 NTSC Display 34 diagonal, WU...

lang:en score:14 filesize: 653.66 K page_count: 4 document date: 2021-11-03



[pdf] User Manual Specifications

P360 Ultra Lenovo ThinkStation Description The new ThinkStation® features a revolutionary form 7680 x 4320 24 bpp @ 60Hz 36 5120 3200 bpp 3 thinkstation specs 2022 06 |||

Lenovo P360 Ultra Version: 5.0 06/05/2024 Product Name Product Display Name Information Date Hard ... Board Power 7680 x 4320 x 24 bpp 120Hz 7680 x 4320 x 24 bpp 60Hz 7680 x 4320 x 36 bpp 60Hz **5120** x 3200 x 24 bpp 60Hz **5120** x 2880 x 24 bpp 60Hz 7680 x 4320 x 24 bpp 120Hz 7680 x 4320 x ...

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[pdf]

קישור לנתוני יצרן C Data HP AIO 34 4K 5120 x 2160 i9 12900 64GB 2X32 DDR5 1TB RTX 3060 6GB

WIN11PRO 3YOS 5M9C0EA reseller c data co il images uploaded pictures |||

5M9C0EA All-in-One 34 HP All-in-One 34 HP - . . , ... D Graphics 770 450 , 34 86.3

WUHD IPS ; 2,160 x 5,120 98 DCI-P3 ,nits diagonal, WUHD **5120** x 2160 , IPS, anti-glare, 450 nits, 98 DCI- 34 13 P3 36.83 x 22.3 x 81.71 11.05

lang:it score:12 filesize: 844.61 K page_count: 10 document date: 2022-11-17