

Lenovo P15v Gen 3 AMD

Version: 2.0 | 07/19/2023

SECTION I: SYSTEM OVERVIEW

| | |
|-------------|--|
| Description | ThinkPad P15v Gen 3 AMD Built for creators who demand more value, the ThinkPad® P15v closes the gap in price and performance between entry-level and high-end workstations and offers the power you need to handle large workloads and multitask with ease. |
|-------------|--|

CPU

| | |
|-------------------|-----------------------------|
| Processor Support | AMD Ryzen 6000-H (45W) CPUs |
| Socket Type | BGA |

Operating Systems

| | |
|-----------|--|
| Preloaded | Windows 11 Pro 64-bit (21H2) Windows 11 Home 64-bit (21H2) Windows 10 Pro 64-bit preinstalled through downgrade rights in Windows 11 Pro 64-bit (21H2) Windows 10 China Government Edition Ubuntu Linux 64-bit (Version 20.04 LTS, running the 4.15.0 kernel) No Operating System |
| Supported | Ubuntu Linux 22.04 Cert only Red Hat Enterprise Linux (RHEL) 8.6 |

Memory

| | |
|----------------------|---|
| Number of DIMM Slots | Up to 2 DIMM sockets |
| Channels | Single Channel w/ 1DIMM Dual Channel w/ 2DIMMs |
| Type | DDR5 SoDIMM |
| ECC Support | No |

| | |
|-------------------|---------------------------------|
| Speed | Up to 4800MHz |
| Max DIMM Size | 32GB |
| Max System Memory | 64GB |
| Min System Memory | 8GB |
| Soldered Memory | None |
| Disclaimers | No ECC memory on P15v AMD Gen 3 |

Storage

| | |
|--------------------------------------|---|
| Storage Slots | 2 x M.2 2280 |
| SATA | No |
| PCIe | Solid State Drive, OPAL2 PCIe-NVMe M.2 2280S3 - TLC |
| SAS | No |
| Interface | PCIe |
| Security | OPAL |
| Optional Hard Disk Drive Controllers | No |

Video

| | |
|---------------------|-----------------------------------|
| Integrated Graphics | None |
| Discrete Graphics | NVIDIA T600 or T1200 or RTX A2000 |
| Adapter | None |
| Bus Interface | PEG |

Display

| | |
|-------------|-----------|
| Resolutions | FHD / UHD |
|-------------|-----------|

Camera

| | |
|-------------------|---------------------|
| Resolution | HD 720p / IR Camera |
| Frames per Second | 30 fps |
| Focus | Fixed 50cm |
| Camera Interface | USB 2.0 |
| IR Camera | Yes |

Keyboard

| | |
|-----------------------|--------------------------------|
| Number of Keys | US : 105 / UK : 106 / JP : 110 |
| Numpad | Yes |
| Size | 100% ISO |
| Function Key Features | Yes |
| Backlit | Optional |
| Keyboard size | CS20 KYB with numberpad |
| Key stroke | 1.5mm |
| Key pitch | 19.05mm |
| Keyboard backlight | Optional |
| Keyboard thickness | Standard |

Touchpad / Fingerprint Reader

| | |
|-----------------------------|-------------------------------------|
| TrackPoint Details | COMO TrackPoint module (t5.55mm) |
| Finger Print Reader Model | 8x8 FPR, MoC w/o LED Prometheus 8x8 |
| Multi-Touch | Yes |
| Resolution | 1000 ppi |
| TouchPad/Trackpad thickness | 3.3mm |
| TouchPad/Trackpad type | 2 BCP |
| Trackpad size | 100mm x 69mm |
| Trackpad material/finish | Mylar surface |

I/O - Ports and Connectors

| | |
|-------------------|--|
| USB | 2x USB-A 3.2 Gen1 (1x Powered), 1x USB-C 4.0 |
| Thunderbolt | None |
| HDMI | 1x HDMI (2.0) |
| Audio Combo Jack | 1x Microphone & Headphone Combo Jack (3.5mm) |
| Media Card Reader | Dedicated SD Card Reader (UHS-II) (MMC,SD,SDHC SDXC) |
| Smart Card Reader | Yes (optional) |
| Power Connector | DC-In |
| Docking Port | Docking Via USB-C 4.0 |
| VirtualLink | None |
| Network adapter | Gigabit Ethernet (RJ45) |

Power Connector

| | |
|-------|-------------------|
| Main | DC-In |
| USB-C | 1x USB-C 4.0 (DP) |

Ethernet

| | |
|------------|---|
| Vendor | Realtek |
| Count | x1 |
| EEPROM | SPI ROM (Merge with BIOS/MEFW) |
| Speeds | 10/100/1000 Mbps |
| Functions | Wake On LAN MAC Address Pass Through PXE Boot Flash Over LAN |
| Connectors | RJ45 |

WWAN

| | |
|-------|------|
| Model | None |
|-------|------|

Near Field Communications

| | |
|-------|----------------|
| Model | No NFC Support |
|-------|----------------|

Audio

| | |
|------------------------------------|---|
| Vendor | Realtek |
| Type | High Definition Audio |
| Internal Speaker | 2 channel |
| Connectors | Microphone & Headphone Combo Jack (3.5mm) |
| Chipset | ALC3287 |
| Number of Channels | 4-channel DAC, 4-channel ADC |
| Number of Bits/Audio Resolution | 16/20/24-bit PCM format |
| Sampling Rate (Recording/Playback) | 44.1K/48K/96K/192KHz sample rate |
| Signal to Noise Ratio | Mic In: 90dB FSA Headphone Out@32ohm: 97dB FSA |

| | |
|----------------------|------------------------|
| Analog Audio | None |
| Dolby Digital | Dolby Audio SW Support |
| Digital Out (S/PDIF) | No |
| Speaker Power Rating | 2W@4ohm/ch |

Power adapter

| | |
|---------------|-----------------------|
| Type | 135W AC Adapter |
| Dimensions | 200cc (118 x 77 x 22) |
| Input Voltage | 100-240V |

Security

| | |
|----------|----------------------|
| TPM | Version 2.0 |
| Asset ID | Yes |
| vPro | AMD Ryzen Pro for WS |

Chassis Information

| | |
|-------------------|--|
| Format | Clamshell |
| Color | GS Black |
| Thermal Solutions | Internal single FAN, Intelligent Cooling |
| Dimensions | Length 14.43 inches 366.5 millimeters Width 9.84 inches 250 millimeters Height 0.89 inches (Thickest 0.95 inches, Thinnest 0.83 inches) 22.7 millimeters (Thickest 24.2mm, Thinnest 21.17mm) |
| Weight | Starting at 4.98lbs/2.26kg |

Packaging Parameters

| | |
|---------------|------|
| Height (mm) | 330 |
| Height (inch) | 13 |
| Width (mm) | 521 |
| Width (inch) | 20.5 |
| Depth (mm) | 90 |

| | |
|--------------|----------------|
| Depth (inch) | 3.5 |
| Weight (kgs) | Retail:3.32kgs |
| Weight (lbs) | Retail:7.32bs |

Security & Serviceability

| | |
|-----------------------------|--|
| Hardware Maintenance Manual | P15v AMD Gen 3 HMM — need link |
| Drivers & Software | P15v AMD Gen 3 Drivers & Software — need link |
| Self Healing BIOS | Yes |
| Access Panel | Removeable bottom cover |
| Number of Screws | 9 |
| Swappable Components | Bottom cover, memory module, M.2 solid-state drive, speaker assembly, coin-cell battery, TrackPoint pointing cap |
| Storage Slots | 2 slots |
| Memory | 2 SoDIMM slots |
| System Board | FR4 |
| Restore CD/DVD/USB Set | None, Restore Media available via Lenovo Customer Support Center |
| Cable Lock Support | Security-lock slot, Optional Kensington Cable Lock |
| Power-On Password | Yes |
| Hard Disk Password | Yes; User and Master hard disk password |
| Supervisor Password | Yes |
| NIC LEDs (integrated) | None |
| Security Chip | Yes (for TMP 2.0) |
| Access Panel Key Lock | Bottom Cover Tamper Detection |
| Boot Sequence Control | Yes |

Operating Environment

| | |
|---------------------------------|--|
| Operating - Air Temperature | At altitudes up to 2438 m (8000 ft) - Operating: 5°C to 35°C (41°F to 95°F) |
| Non Operating - Air Temperature | At altitudes up to 2438 m (8000 ft) - Storage: 5°C to 43°C (41°F to 109°F) |
| Humidity | Operating: 8% to 95% at wet-bulb temperature 23°C (73°F) Storage: 5% to 95% at wet-bulb temperature 27°C (81°F) |
| Corrosive Gas | G1 |
| Particulates | P1 |

SECTION II: SUPPORTED COMPONENTS

Supported Components

| | |
|--------------------|--|
| Processor | AMD Ryzen 5 Pro 6650H, 6 cores, 12 threads, up to 16MB cache, 4.5GHz Max Boost, 3.3GHz Base AMD Ryzen 7 non-Pro 6800H, 8 cores, 16 threads, up to 16MB cache, 4.7GHz Max Boost, 3.2GHz Base (PRC only) AMD Ryzen 7 Pro 6850H, 8 cores, 16 threads, up to 16MB cache, 4.7GHz Max Boost, 3.2GHz Base |
| Memory Support | DDR5 4800MHz SoDIMM |
| Chipset (PCH) | AMD Ryzen 6000-H (45W) Series |
| Size of BIOS Flash | 32MB |
| Super I/O | None |
| Clock | Crystal |
| Audio | Realtek High Definition Audio |
| Ethernet | Native Realtek RTL8111EPV-CG Ethernet Connection |

Memory

| | |
|-----------------------------|---|
| System Capacity Options | 8GB 16GB 32GB |
| non-ECC | 8GB DDR5 4800MHz SoDIMM 16GB DDR5 4800MHz SoDIMM 32GB DDR5 4800MHz SoDIMM |
| Brand of non-ECC Memory | Samsung SK Hynix Micron |
| Memory clock frequency(MHz) | 4800MHz |
| Disclaimers | No ECC memory on P15v AMD Gen 3 |

Storage

| | |
|---|--|
| 2.5" SAS Hard Disk Drive (HDD) | None |
| 2.5" SATA Hard Disk Drive (HDD) | None |
| 2.5" SATA Solid State Drive (SSD) | None |
| M.2 (NGFF) PCIe Solid State Drive (SSD) | 256GB OPAL2 PCIe 4x4 Value TLC (M.2 2280-S3) 512GB OPAL2 PCIe 4x4 Value TLC (M.2 2280-S3) |

| | |
|-----------------------------------|--|
| | 1TB OPAL2 PCIe 4x4 Value TLC (M.2 2280-S3) 512GB OPAL2 PCIe 4x4 Performance TLC (M.2 2280-S3) 1TB OPAL2 PCIe 4x4 Performance TLC (M.2 2280-S3) 2TB OPAL2 PCIe 4x4 Performance TLC (M.2 2280-S3) |
| 2.5" PCIe Solid State Drive (SSD) | None |
| Brand of Drive | Samsung Kioxia Hynix WD Micron UMIS |
| Intel Optane Storage Technology | None |
| RAID | None |
| RAID Level and Requirements | None |

Removeable Media

| | |
|----------------------------------|--------|
| Media Card Reader Specifications | UHS-II |
|----------------------------------|--------|

SECTION III: Supported Component Detail

CPU Specifications

| CPU | AMD Ryzen 5 Pro 6650H | AMD Ryzen 7 non-Pro 6800H (PRC only) | AMD Ryzen 7 Pro 6850H |
|--------------------------|--|--|--|
| Integrated Graphics | AMD integrated (hybrid or discrete only options in BIOS) | AMD integrated (hybrid or discrete only options in BIOS) | AMD integrated (hybrid or discrete only options in BIOS) |
| # of Cores | 6 | 8 | 8 |
| # of Threads | 12 | 16 | 16 |
| Processor Base Frequency | 3.3 GHz | 3.2 GHz | 3.2 GHz |
| Max Turbo Frequency | 4.5 GHz | 4.7 GHz | 4.7 GHz |
| Cache | 16 MB | 16 MB | 16 MB |
| TDP | 45W | 45W | 45W |

Display Specifications

| | | | |
|----------------------|--|--|------------------------------------|
| Model | FHD | FHD | UHD |
| Resolution | 1920 x 1080 | 1920 x 1080 | 3840 x 2160 |
| Diagonal | 15.6" | 15.6" | 15.6" |
| Aspect Ratio | Ratio 16:9 | Ratio 16:9 | Ratio 16:9 |
| Backlight | LED | LED | LED |
| PPI | 141 (Pixel Pitch: 0.17925mm x 0.17925mm) | 141 (Pixel Pitch: 0.17925mm x 0.17925mm) | 282 (Pixel Pitch: 0.09mm x 0.09mm) |
| Active Area | 344.16 X 193.59 | 344.16 x193.59 | 344.22 X 193.62 |
| Refresh Rate | 48 / 60 Hz | 60Hz | 60Hz |
| Contrast Ratio | 800:1 (TYP) | 1200:1 (TYP) | 1400:1 (TYP) |
| Viewing Angle (*1) | 85/85/85/85 degree | | 85/85/85/85 degree |
| Color gamut | 45% NTSC | 100% sRGB | 100% Adobe |
| Brightness | 300nit | 300nit | 600nit, HDR 400 |
| Color Depth | Native 262K (RGB 6-bit data driver) | 16M | 1064M |
| Interface | eDP 1.2 | eDP 1.2 | eDP 1.4 |
| Panel ID Recognition | EDID in BIOS Table | EDID in BIOS Table | EDID in BIOS Table |
| Weight | max 370g | Max 320g | max 300g |
| Color Calibrator | None | None | X-Rite Factory Color Calibration |
| Panel Technology | IPS, Anti-Glare | IPS, Anti-Glare | IPS, Anti-Glare |
| Touch Panel | None | None | None |

SSD Specifications

| | |
|---|------------------|
| M.2 (NGFF) PCIe Solid State Drive (SSD) | 2x M.2 2280 PCIe |
|---|------------------|

Solid State Storage Devices

| | | |
|---|--|---|
| Supported Types | M.2 | M.2 |
| Dimensions inches/centimeters (W x D x H) | 22.0 (+-0.15) x 80.0 (+-0.15) x 2.3 (max) | 22.0 (+-0.15) x 80.0 (+-0.15) x 2.3 (max) |
| Size | M.2 2280 S3 | M.2 2280-S3 |
| Interface Type | PCIe NVMe | PCIe NVMe |
| Read/Write IOPS Specifications | Read: 250K (2TB, 1TB, 512GB), 200K (256GB) | Read: 550K (1TB/2TB), 350K (512GB), 190K (256GB) Write: 400K (1TB/2TB), 370K |

| | | |
|-------------------------|--|--|
| | Write: 240K (2TB, 1TB, 512GB), 190K (256GB)1GB) | (512GB), 200K (256GB) IOPS, 4K Random, 32 q depth, 8 threads |
| Bandwidth Performance | PCIe Gen4x4 Value (8Gb/S) | PCIe Gen4x4 Performance (16Gb/S) |
| Power Consumption (Max) | 3.0A (duration for 10 us) | 8.0W |
| Active(AVG) | 5W | 8.0W (Sequential read) |
| Idle | 5mW (L1.2) | 5mW (Low power state) |
| Min MTBF | 2,000,000 (h) | 2,000,000 (h) |
| Min Sequential Read | 3000MB/s (2TB, 1TB, 512GB), 2900MB/s (256GB) | 6400MB/s (1TB/2TB), 6000MB/s (512GB), 5000MB/s (256GB) |
| Min Sequential Write | 1600MB/s (2TB, 1TB/512GB), 900MB/s (256GB) | 5000MB/s (2TB), 3800MB/s (1TB), 3200MB/s (512GB), 1600MB/s (256GB) |
| Hardware Encryption | Yes | Yes for OPAL, No for Pyrite |

Discrete Graphics Adapter

| GPU Name | T600 | T1200 | RTX A2000 |
|--|---------|---------|-------------|
| CUDA Processing Cores | 896 | 1024 | 2560 |
| GPU Memory | 4GB | 4GB | 4GB |
| Memory Bandwidth | 192GBps | 192GBps | 192GBps |
| Memory Type | GDDR6 | GDDR6 | GDDR6 |
| Memory Interface | 128-bit | 128-bit | 128-bit |
| TGP Max Power Consumption | 35W | 35W | 35W |
| Display Port | 1.4 | 1.4 | 1.4 |
| OpenGL | 4.6 | 4.6 | 4.6 |
| Shader Model | 7 | 7 | 7 |
| DirectX | 12.1 | 12.1 | 12 Ultimate |
| PCIe Generation | 4 | 4 | 4 |
| Floating-Point Performance | 3 | 3.7 | 9.3 |
| VR Ready | No | No | No |
| Simultaneous Multi-Projection | N/A | N/A | 74.7 |
| NVIDIA FXAA/TXAA Antialiasing | Yes | Yes | Yes |
| NVIDIA nView Display Management Technology | Yes | Yes | Yes |
| GPU Direct for Video | Yes | Yes | Yes |
| Vulkan Support | Yes | Yes | Yes |
| NVIDIA Optimus | Yes | Yes | Yes |
| Disclaimers | N/A | Yes | Yes |

WLAN

| | |
|--|--|
| Model | Qualcomm NFA725A Wi-Fi 6E |
| Connector: Main, Aux/GNSS, GNSS | ANT1:AUX WiFi + BT; ANT2: Main WiFi |
| Antenna Diversity | Supported |
| MIMO | Supported |
| GNSS Bian | N/A |
| Radio ON/OFF Control | Supported |
| Connector interface | CNVi |
| Operating Temperature (Adapter Shield) | 0c to +80c |
| Humidity Non-Operating | 50%~90% Rh non condensing (at temperatures of 25c to 35c) |
| Operating Systems | Windows 11, 64-bit*, Microsoft Windows 10*, Linux*(limited feature support), Chrome* |
| Wi-Fi Alliance | Wi-Fi CERTIFIED* a/b/g/n/ac/ax with wave 2 features, WMM*, WMM-PS*, WPA*, WPA2*, WPS2*, Protected Management Frames, Wi-Fi Miracast* as Source, and Wi-Fi Direct (For Microsoft Windows* only) |
| IEEE WLAN Standard | IEEE 802.11a/b/g/n/ac/ax, 802.11d, 802.11e, 802.11h, 802.11i, 802.11w, 802.11r, 802.11k, 802.11v, pending OS support; Fine Timing Measurement based on 802.11-2016 |
| Roaming | Support seamless roaming between access points |
| Bluetooth* | Bluetooth 5.2 |
| Authentication | WPA and WPA2, 802.1X (EAP-TLS, TTLS, PEAP, LEAP, EAP-FAST), EAP-SIM, EAP-AKA, EAP-AKA |
| Authentication Protocols | PAP, CHAP, TLS, MS-CHAP*, MS-CHAPv2 |
| Encryption | 64-bit and 128-bit WEP, 128-bit AES-CCMP |
| Regulatory | For a list of country approvals, please contact your local AMD representatives. |
| US Government | FIPS, FISMA |
| Product Safety | UL,C-UL,CB (IEC 60950-1) |
| Disclaimers | 6GHz channel of Wi-Fi 6E is only available with Windows 11 |

Battery

| | |
|---------------------------|---|
| Dimension | L: 86mm*W: 242mm*T 9.1mm |
| Weight | Max 290g |
| Type (Chemistry and Cell) | Li-Polymer (3S2P), 6-cell |
| Voltage | 11.55 V |
| Battery Capacity | 68Whr |
| Charging Time | 0% to 100% 0% to 80% Battery [Wh] 68 54 Battery Charging Time (in-operation) 2hrs 1 hr Battery Charging Time (off) 1.86hrs 0.96 hr |

| | |
|-----------------------------|-------------------------------------|
| Operating Temperature Range | between 10°C (50°F) and 35°C (95°F) |
| Warranty | 1 Year / 3 Year Available |
| Coin Cell Battery (Model) | CR2032 |

SECTION IV: BIOS / Certifications / Standards / Environmental

BIOS Specifications

| | |
|---------------------------------|--|
| WMI Support | Yes, if it is BIOS Setup change by WMI. |
| ROM-Based Setup Utility (F1) | Yes |
| Replicated Setup | Yes, it supported with SRSETUP tool. |
| Boot Control | Yes, it means Boot order change. |
| Discrete Mode | Yes |
| Asset Tag | Yes |
| Remote Wakeup/Remote Shutdown | Yes, if Remote wakeup is Wake on LAN from S4/S5. |
| Per-port Control | Yes, if it is I/O port enable/disable by BIOS Setup. |
| Adaptive Cooling | Yes, if it is thermal & fan control. |
| Security | Yes, BIOS password / Hard disk password / Finger print |
| Intel(R) AMT (includes ASF 2.0) | None |
| Intel(R) TXT | None |

EMC & Safety

| | |
|-----|--|
| EMC | Published, Certified Existing Reports EMC - Australia EMC - Belarus EMC - Canada EMC - China EMC - EU/EFTA EMC - Japan EMC - Kazakhstan EMC - New Zealand EMC - Russia EMC - South Korea EMC - Taiwan EMC - USA/Territories Not Applicable / Not Required EMC - Israel |
|-----|--|

| | |
|--------|--|
| | <p>EMC – Moldova EMC – Serbia EMC – Turkey EMC – Uzbekistan EMC – Vietnam</p> |
| Safety | <p>To access the latest User Guide and Safety and Warranty Guide, go to: https://support.lenovo.com Low Halogen Declaration of Conformance TNOT-2017-0040 Section 9 – Low Halogen Scorecard Homologation PCRB Compliant In the following countries: Albania, Algeria, Andorra, Angola, Antigua and Barbuda, Argentina, Armenia, Aruba, Australia, Azerbaijan, Bahamas, Bahrain, Bangladesh, Barbados, Belarus, Belize, Benin, Bermuda, Bolivia, Botswana, Burkina Faso, Burundi, Cambodia, Cameroon, Canada, Cape Verde, Cayman Islands, Central African Republic, Chad, China, Colombia, Comoros, Congo, Costa Rica, Djibouti, Dominican Republic, Egypt, El Salvador, Eritrea, Ethiopia, EU/EFTA, Fiji, Gabon, Gambia, Georgia, Ghana, Grenada, Guatemala, Guinea, Haiti, Honduras, Hong Kong, India, Indonesia, Israel, Jamaica, Japan, Jordan, Kazakhstan, Kenya, Kuwait, Laos, Lebanon, Liberia, Macau, Madagascar, Malawi, Malaysia, Mali, Mauritania, Mauritius, Mexico, Moldova, Mongolia, Morocco, Mozambique, Namibia, Nepal, New Zealand, Nicaragua, Niger, Nigeria, Oman, Pakistan, Panama, Papua New Guinea, Paraguay, Peru, Philippines, Qatar, Russia, Saudi Arabia, Senegal, Serbia, Seychelles, Sierra Leone, Singapore, South Africa, South Korea, Sri Lanka, Swaziland, Taiwan, Tajikistan, Tanzania, Thailand, Togo, Tunisia, Turkey, Turkmenistan, Uganda, Ukraine, United Arab Emirates, Uruguay, USA/Territories, Uzbekistan, Venezuela, Vietnam, Zambia, Zimbabwe, Brazil – Inmetro 170 Govt Bids, Guinea-Bissau, Lesotho</p> |

Environmentals

| | |
|----------------------|---|
| Energy Star | <p>ENERGY STAR® Version 8.0 For more information about ENERGY STAR, go to: https://www.energystar.gov</p> |
| EPEAT | EPEAT Gold Certification Available on select models |
| IT ECO declaration | The latest environmental information about Lenovo products is available at: https://www.lenovo.com/ecodeclaration |
| Hazardous Substances | <p>The latest environmental information about Lenovo products is available at: https://www.lenovo.com/ecodeclaration European Union RoHS This Lenovo product, with included parts (cables, cords, and so on) meets the requirements of Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment (“RoHS recast” or “RoHS 2”). For more information about Lenovo worldwide compliance on RoHS, go to: https://www.lenovo.com/rohs-communication</p> |

Manageability

| | |
|---|--|
| Industry Standard Specifications | This product meets the following industry standard specifications for manageability functionality: |
| Remote Manageability Software Solutions | <p>Lenovo ThinkManagement Console Microsoft System Center Configuration Manager LANDesk Management Suite for Lenovo Vantage Technologies (www.landesk.com/lenovo)</p> |

| | |
|--------------------------------|--|
| System Software Manager | Lenovo ThinkStation supports software management tools from the ThinkVantage System Update suite: System Update Update Retriever |
| Service, Support, and Warranty | On-site Warranty and Service: Three-years, limited warranty and service offering delivers on-site, next business-day service for parts and labor and includes free telephone support 8am – 5pm. Global coverage ensures that any product purchased in one country and transferred to another, non-restricted country will remain fully covered under the original warranty and service offering. |