

## Fujitsu Intel Xeon Gold 5415+ procesador 2,9 GHz 22,5 MB Caja

**Marca :** Fujitsu

**Código del producto:** PY-CP65XT

**Nombre del producto :** Intel Xeon Gold 5415+



Fujitsu Intel Xeon Gold 5415+. Familia de procesador: Intel® Xeon® Gold, Socket de procesador: LGA 4677 (Socket E), Tipo de embalaje: Caja. Canales de memoria: Ocho canales, Memoria interna máxima que admite el procesador: 6 TB, Tipos de memoria que admite el procesador: DDR5-SDRAM. Segmento de mercado: Servidor, Condiciones de uso: Server/Enterprise, Set de instrucciones soportadas: AMX, SSE4.2, AVX, AVX 2.0, AVX-512. Maximum Enclave Size Support for Intel® SGX: 128 GB, Intel® QuickAssist Technology (QAT): 1 default devices, Intel® Dynamic Load Balancer (DLB): 1 default devices. Tamaño del CPU: 77.5 x 56.5 mm

| Procesador                                      |                             | Características especiales del procesador                         |                   |
|-------------------------------------------------|-----------------------------|-------------------------------------------------------------------|-------------------|
| Fabricante de procesador *                      | Intel                       | Tecnología Intel® Speed Shift                                     | ✓                 |
| Generación del procesador                       | Intel Xeon Scalable 4th Gen | Intel® Transactional Synchronization Extensions                   | ✓                 |
| Modelo del procesador *                         | 5415+                       | Intel® Total Memory Encryption                                    | ✓                 |
| Frecuencia base del procesador *                | 2,9 GHz                     | Intel® Control-flow Enforcement Technology (CET)                  | ✓                 |
| Familia de procesador *                         | Intel® Xeon® Gold           | Intel® Crypto Acceleration                                        | ✓                 |
| Número de núcleos de procesador *               | 8                           | Intel® Platform Firmware Resilience Support                       | ✓                 |
| Socket de procesador *                          | LGA 4677 (Socket E)         | Maximum Enclave Size Support for Intel® SGX                       | 128 GB            |
| Número de hilos de ejecución                    | 16                          | VT-x de Intel® con Extended Page Tables (EPT)                     | ✓                 |
| System bus data transfer rate                   | 16 GT/s                     | Intel® OS Guard                                                   | ✓                 |
| Frecuencia del procesador turbo                 | 4,1 GHz                     | Extensiones de protección de software Intel® (Intel® SGX)         | ✓                 |
| Núcleos de alta prioridad                       | 2                           | Intel® 64                                                         | ✓                 |
| Frecuencia de los núcleos de alta prioridad     | 3,1 GHz                     | Tecnología de virtualización Intel® (VT-x)                        | ✓                 |
| Núcleos de baja prioridad                       | 6                           | Tecnología de virtualización de Intel® para E / S dirigida (VT-d) | ✓                 |
| Caché del procesador                            | 22,5 MB                     | Unidades AVX-512 FMA                                              | 2                 |
| Potencia de diseño térmico (TDP)                | 150 W                       | Intel® Boot Guard                                                 | ✓                 |
| Tipo de embalaje *                              | Caja                        | Intel® Deep Learning Boost (Intel® DL Boost) on CPU               | ✓                 |
| Escalonamiento                                  | S3                          | Tecnología Intel® Resource Director (Intel® RDT)                  | ✓                 |
| Procesador nombre en clave                      | Sapphire Rapids             | Tecnología Intel® Run Sure                                        | ✓                 |
| Procesador ARK ID                               | 232373                      | Control de ejecución basado en modo (MBE)                         | ✓                 |
| Memoria                                         |                             | Memoria persistente Intel® Optane™ DC compatible                  | ✓                 |
| Memoria interna máxima que admite el procesador | 6 TB                        | Tecnología Intel® Speed Select - Frecuencia base (Intel® SST-BF)  | ✓                 |
| Tipos de memoria que admite el procesador       | DDR5-SDRAM                  | Aceleración de software de Intel® QuickAssist                     | ✓                 |
| Canales de memoria *                            | Ocho canales                | Activación de la función Intel® On Demand                         | ✓                 |
| ECC                                             | ✓                           | Intel® QuickAssist Technology (QAT)                               | 1 default devices |
| Gráficos                                        |                             | Intel® Dynamic Load Balancer (DLB)                                | 1 default devices |
| Adaptador gráfico incorporado *                 | ✗                           |                                                                   |                   |
| Adaptador de gráficos discreto *                | ✗                           |                                                                   |                   |
| Modelo de adaptador gráfico incorporado *       | No disponible               |                                                                   |                   |
| Modelo de adaptador de gráficos discretos *     | No disponible               |                                                                   |                   |
| Características                                 |                             |                                                                   |                   |
| Execute Disable Bit                             | ✓                           |                                                                   |                   |
| Segmento de mercado                             | Servidor                    |                                                                   |                   |
| Condiciones de uso                              | Server/Enterprise           |                                                                   |                   |

| Características                                 |                                    | Características especiales del procesador    |                   |
|-------------------------------------------------|------------------------------------|----------------------------------------------|-------------------|
| Número máximo de buses PCI Express              | 80                                 | Intel® Data Streaming Accelerator (DSA)      | 1 default devices |
| Versión de entradas de PCI Express              | 5.0                                | Intel® In-memory Analytics Accelerator (IAA) | 1 default devices |
| Set de instrucciones soportadas                 | AMX, SSE4.2, AVX, AVX 2.0, AVX-512 | Intel® Advanced Matrix Extensions (AMX)      | ✓                 |
| Escalabilidad                                   | 2S                                 | Condiciones ambientales                      |                   |
| Opciones integradas disponibles                 | ✓                                  | Tcase                                        | 78 °C             |
| Características especiales del procesador       |                                    | DTS máxima                                   | 99 °C             |
| Intel Hyper-Threading                           | ✓                                  | Detalles técnicos                            |                   |
| Tecnología Intel® Turbo Boost                   | 2.0                                | Fecha de lanzamiento                         | Q1'23             |
| Intel® AES Nuevas instrucciones (Intel® AES-NI) | ✓                                  | Estado                                       | Launched          |
| Tecnología Trusted Execution de Intel®          | ✓                                  | tipos de memoria compatibles                 | DDR5-SDRAM        |
|                                                 |                                    | Velocidad de memoria (máx.)                  | 4400 MHz          |
|                                                 |                                    | Número de enlaces UPI                        | 3                 |
|                                                 |                                    | Transportista de paquetes                    | E1B               |
|                                                 |                                    | Peso y dimensiones                           |                   |
|                                                 |                                    | Tamaño del CPU                               | 77.5 x 56.5 mm    |
|                                                 |                                    | Otras características                        |                   |
|                                                 |                                    | Memoria interna máxima                       | 4 TB              |



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### Catalog Object Cloud



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