Murasaki Technologies Comparitive Performance Rating

The *Murasaki Technologies Comparitive Performance Rating* is a computer benchmark that the company Murasaki Technologies utilizes to rate the varying performance of different computer systems manufactured both by the company and other organizations. The statistic is additionally used to determine what software each system is capable of utilizing.

About the Comparitive Performance Rating

Within the rating system, each CPU or similar computing device is placed within a performance 'tier'. Each tier category represents a roughly exponential increase in overall capability and computational power relative to the tier that came before. For example; a tier 2 computer is ten times more powerful than a tier 1, while a tier 3 computer is one hundred times more capable than a tier 1 and ten times more than a tier 2.

Murasaki Technologies developed software and artificial intelligences will only function within a computer possessing the requisite performance rating or one higher.

Performance Rating	Examples
Tier 1	Primitive first-generation vacuum-tube computer systems Standard post-FTL nanomachine computer
Tier 2	Primitive second-generation transistor computer systems Advanced nanomachine computer
Tier 3	Primitive third-generation desktop computers utilizing integrated circuitry Very advanced nanomachine computer MT-J2-E3500 Molecular Circuitry Nodes
Tier 4	Primitive fourth-generation desktop computers utilizing microprocessors Primitive pre-FTL handheld computers Standard post-FTL micromachine computer
Tier 5	Primitive fourth-generation network servers utilizing microprocessors Primitive pre-FTL desktop computers Advanced post-FTL micromachine computer

Performance Rating	Examples
Tier 6	Primitive fourth-generation mainframes utilizing microprocessors Primitive pre-FTL network servers Very advanced post-FTL micromachine computer Standard post-FTL commercial-grade handheld computers
Tier 7	Primitive fourth-generation supercomputers utilizing microprocessors Primitive pre-FTL mainframes Standard post-FTL commercial-grade desktop computers
Tier 8	Primitive pre-FTL supercomputers Standard post-FTL commercial-grade network servers
Tier 9	Standard post-FTL commercial-grade mainframes Advanced post-FTL commerical-grade handheld computers Standard post-FTL military-grade handheld computers
Tier 10	Standard post-FTL military-grade desktop computers Standard post-FTL commercial-grade supercomputers Advanced post-FTL commerical-grade desktop computers
Tier 11	Standard post-FTL military-grade network servers Standard post-FTL commercial-grade supercomputers Advanced post-FTL commerical-grade network servers
Tier 12	Standard post-FTL military-grade mainframes Advanced post-FTL commerical-grade mainframes Advanced post-FTL military-grade handheld computers
Tier 13	Standard post-FTL military-grade supercomputers Advanced post-FTL military-grade desktop computers Advanced post-FTL commerical-grade supercomputers Very advanced post-FTL commerical-grade handheld computers 'Destiny' AI Computer Series - Knight Variant
Tier 14	Advanced post-FTL military-grade network servers Very advanced post-FTL commerical-grade desktop computers Backup Integrated Electronics System (B-IES), Ge-Z1-E3300 - Guidance System, 'Destiny' AI Computer Series - Pawn Variant, ACE AI Computer System - Commericial Executive Variant
Tier 15	Advanced post-FTL military-grade mainframes Very advanced post-FTL commerical-grade network servers Armor Integrated Electronics System (A-IES), Ge-T8-E3103 - Computer Array, 'Destiny' AI Computer Series - FATE Variant, ACE AI Computer System - Executive Variant
Tier 16	Advanced post-FTL military-grade supercomputers Very advanced post-FTL commerical-grade mainframes Very advanced post-FTL military-grade handheld computers Compact Integrated Electronics System (C-IES), NH-33 Digital Brain, Ge-Y2-E3300 - Hogosha Quantum Computer System, 'Destiny' AI Computer Series - Queen Variant
Tier 17	Very advanced post-FTL commerical-grade supercomputers Very advanced post-FTL military-grade desktop computers Escort Integrated Electronics System (E-IES), Ge-C1-E3300 - Computer and Sensor Suite, Ge-H2-E3300 - Senkun Dual Quantum Computer System, 'Destiny' AI Computer Series - King Variant
Tier 18	Very advanced post-FTL military-grade network servers Warship Integrated Electronics System (W-IES), ACE AI Computer System - Command Variant
Tier 19	Very advanced post-FTL military-grade mainframes Megami Integrated Electronics System (M-IES), Ge-H1-E3300 - Yogensha Quantum Computer System
Tier 20	Very advanced post-FTL military-grade supercomputers Kami Integrated Electronics System (K-IES)
Tier 21	Pantheon Integrated Electronics System (PANT-IES)

OOC Notes

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