

Product Energy Consumption information

Brand	ASUS
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Product Type	Small-Scale Server	Year of manufacture	2025
Model Name	GX10	Representative model	GX10
Model Family List	GX10		

As required by COMMISSION REGULATION (EU) No 617/2013 of 26 June 2013 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for computers and computer servers. (ErP Lot3).

Power demand	Measure result
Maximum power demand (Watts)	83.73
Idle state power demand (Watts)	30
Sleep mode power demand (Watts)	N/A
Off mode power demand (Watts)	7.09

[illegible]

Information disclosure

Noise levels (the declared A-weighted sound power level) of the computer	45.91	dB
The minimum number of loading cycles that the batteries can withstand (applies only to notebook computers)	N/A, without battery pack	cycles

Information disclosure	
Measurement methodology used to determine information mentioned in point (e)-(k) – maximum, idle, sleep, off mode power	EN 62623:2013-Desktop and notebook computers — Measurement of energy consumption EN50564:2011 Electrical and electronic household and office equipment - Measurement of low power consumption
Measurement methodology used to determine information mentioned in points (l) – internal PSU efficiency	Generalized Test Protocol for Calculating the Energy Efficiency of Internal Ac-Dc and Dc-Dc Power Supplies Revision 6.6 (April, 2012).
Measurement methodology used to determine information mentioned in points (m) – external PSU efficiency	EN 50563:2011 External a.c. — d.c. and a.c. — a.c. power supplies — Determination of no-load power and average efficiency of active modes
Measurement methodology used to determine information mentioned in points (n) – noise level	ECMA-109 2nd edition (December 1987) Declared Noise Emission Values of Computer and Business Equipment:
Measurement methodology used to determine information mentioned in points (o) – loading cycles batteries	EN 61960:2011 Secondary cells and batteries containing alkaline or other non-acid electrolytes — Secondary lithium cells and batteries for portable applications
sequence of steps for achieving a stable condition with respect to power demand	EN 62623:2013-Desktop and notebook computers — Measurement of energy consumption EN50564:2011 Electrical and electronic household and office equipment - Measurement of low power consumption
description of how sleep and/or off mode was selected or programmed	refer to power management
Sequence of events required to reach the mode where the equipment automatically changes to sleep and/or off mode	refer to power management, 30mins automatically reaches sleep mode
The duration of idle state condition before the computer automatically reaches sleep mode, or another condition which does not exceed the applicable power demand requirements for sleep mode (shall activate within 30 minutes)	refer to user manual
the length of time after a period of user inactivity in which the computer automatically reaches a power mode that has a lower power demand requirement than sleep mode	N/A
the length of time before the display sleep mode is set to activate after user inactivity (shall activate within 10 minutes)	5 mins
user information on the energy-saving potential of power management functionality	refer to user manual
user information on how to enable the power management functionality	refer to user manual
for products with an integrated display containing mercury, the total content of mercury as X,X mg	Not Applicable

test parameters for measurements - test voltage in V and frequency in Hz, - total harmonic distortion of the electricity supply system,	230V/50Hz, Total Harmonic Distortion<2%.
Instrumentation List	Power Meter : Yokogawa WT310HC Thermometer : TESTO 405-V1
General product information: The UUT (Unit under Test) is a Small-Scale Server with internal switching power supply for Information Technology Equipment used. Definitions: ‘Idle state’ means a state of a computer in which the operating system and other software have completed loading, a user profile has been created, the computer is not in sleep mode, and activity is limited to those basic applications that the operating system starts by default; ‘Sleep mode’ means a low power mode that a computer is capable of entering automatically after a period of inactivity or by manual selection. In this mode the computer will respond to a wake event. Where Advanced Configuration and Power Interface (ACPI) standards are applicable, sleep mode usually correlates to ACPI system level G1/S3 (suspend to RAM) state; ‘Off mode’ means the power demand level in the low power mode which cannot be switched off (influenced) by a user, other than through the movement of a mechanical switch, and which may persist for an indefinite period of time when the appliance is connected to the main electricity supply and used in accordance with the manufacturer’s instructions. Where Advanced Configuration and Power Interface (ACPI) standards are applicable, off mode usually correlates to ACPI system level G2/S5 (‘soft off’) state; ‘Lowest power state’ means the state or mode with the lowest power demand found in a computer. This state or mode may be entered or left by either a mechanical means (e.g. by turning off the computer’s power through the movement of a mechanical switch) or via automatic means.; ‘Annual total energy consumption (E TEC)’ means the electricity consumed by a product over specified periods of time across defined power modes and states;	