46-288512G1-F

Gantry I/O Board

General Electric 46-288512G1-F is a gantry i/o board for GE LightSpeed CT gantry control.

46-288512G1-F configuration dashboard

Installed-system continuity

Provides the gantry input/output board function for the documented CT gantry architecture without redefining the approved equipment architecture.

Identity-led replacement

The complete 46-288512G1-F marking keeps revision, interface and fitted-position decisions tied to the actual unit.

Controlled return to service

Connector, terminal, setting and diagnostic evidence are checked before the affected function is released.

Exact order-code identity

Product type	Gantry I/O Board
Product family	GE Medical Systems LightSpeed
Base part number	46-288512G1
Assembly suffix	-F
Product function	Gantry I/O board
Equipment platform	GE LightSpeed CT scanner
System location	Gantry / on-board-controller path
Replacement basis	Exact board revision and scanner configuration

46-288512G1-F performs a defined gantry i/o board role: it provides the gantry input/output board function for the documented CT gantry architecture. Selection is based on the complete marking and the documented GE Medical Systems LightSpeed execution.

Gantry I/O Board technical capability map

Interface control	Retain every cable and switch position	**Acceptance**	Run approved service diagnostics

Installed signal or connection path

Field signal > **Termination block** > **46-288512G1-F** > **LocalBus** > **Control strategy**

System interpretation boundary

The verified technical rows distinguish exact-model identity from family-level system context. Dimensions and weight are shipping estimates supplied for this offered item; technical acceptance follows the installed drawing and manufacturer evidence.

Before exchange, record the fitted position, every connector or terminal identity, adjustable settings and the healthy operating baseline. After installation, prove the affected function under a controlled site procedure.

Application fit decisions for 46-288512G1-F

Exact-model service replacement

Replace the same 46-288512G1-F execution after documenting the installed interface.

System maintenance

Retain the GE LightSpeed CT gantry control relationship and approved drawing references.

Controlled fault isolation

Separate board, wiring, power and companion-hardware causes before substitution.

Commissioning evidence

Capture diagnostics and a functional test of the affected gantry i/o board path.

Engineering decision matrix

Which installed identity details must be recorded for 46-288512G1-F?	Record the full label, fitted position, connector or terminal map, and every adjustable setting before removal.
What interface check is most important before replacing 46-288512G1-F?	Compare the receiving hardware and every keyed, numbered or polarized connection with the approved drawing.

How should settings be controlled when servicing 46-288512G1-F?	Photograph and transcribe jumpers, switches, firmware or range selections that apply to this exact execution.
What should be inspected before fitting 46-288512G1-F?	Inspect contacts, terminal hardware, board supports, protective earth and nearby wiring for damage or contamination.

Applications must be evaluated against the exact installed machine drawing, target, companion hardware and receiving channel. Related product references do not imply substitution.

46-288512G1-F service controls and maintenance logic

Capture the complete marking

Photograph 46-288512G1-F and all secondary labels before removal.

Preserve installed settings

Record jumpers, switches, firmware, ranges or calibration references that apply.

Control stored energy

Follow the approved isolation and electrostatic handling procedure.

Label every connection

Mark conductors, plugs, fibers or tubing by their installed identifiers.

Inspect mating hardware

Check contacts, terminals, guides, supports and protective earth.

Prove the affected function

Verify diagnostics and actual process or equipment response before handover.

Additional technical questions

Which companion hardware must be verified with 46-288512G1-F?	Confirm the associated controller, terminal board, rack, power source or field device named by the installed design.
How should energization be managed after installing 46-288512G1-F?	Restore energy in the approved sequence, watch diagnostics, and stop if the expected healthy state is not obtained.
What functional proof adds technical value for 46-288512G1-F?	Exercise the affected signal, protection, power or communications path and retain before-and-after readings.
What handover record is required after commissioning 46-288512G1-F?	Keep the exact part marking, installed photographs, settings, test results, deviations and responsible approval.

Technical notes

Evidence boundary	GE Medical Systems LightSpeed schematics and board diagrams

Exact-model rule	Do not infer interchangeability from a similar family code; match 46-288512G1-F completely.
Acceptance record	Retain identity, interface, settings, diagnostics and functional proof.
Installed function	46-288512G1-F is controlled as the gantry i/o board used in GE LightSpeed CT gantry control.
Receiving comparison	Compare complete marking, mechanical execution, connectors and all secondary labels before acceptance.
Connection record	Retain connector, terminal, cable or field-device identities in their installed sequence.
Setting record	Preserve every fitted jumper, switch, firmware, range or adjustment reference that applies.
As-found baseline	Capture the healthy static value, indication or communications state before disturbing the assembly.
As-left proof	Record diagnostics plus a controlled functional result for the affected gantry i/o board path.
Document package	File photographs, test readings, deviations, approvals and the applicable drawing revision together.

46-288512G1-F source record and supported references

Manufacturer reference	GE Medical Systems LightSpeed schematics and board diagrams
Applicability	Facts are limited to the exact order-code selections and stated matched-system conditions.
Public page	Exact product page linked from the first-page model title
Evidence boundary	No neighboring-model option or unsupported lifecycle conclusion is assigned to this product.

Verified related product references and contact

Recommended product	General Electric DS200DTBCG1AAA
Recommended product	General Electric DS200TBCAG1AAB
Recommended product	General Electric DS200TBQBG1ACB
Recommended product	General Electric DS200TBQCG1ABB
Recommended product	General Electric DS200TCPSG1AME

Discuss the exact marking and installed relationship with Apter Power.
sales13@apterpower.com | +86 18030235313