

# Media labels and their contents

This information lists the optical media that you receive with your IBM® i order.

Refer to the [Customer Notices and information Web page \(www.ibm.com/systems/support/planning/notices.html\)](http://www.ibm.com/systems/support/planning/notices.html) for customer notices, installation information, and read me files related to IBM i and associated products.

Your media for installation needs to be arranged in the order that is listed.

## Release identifier for i 7.4

Distribution media labels indicate the release and modification level in a format that is different from what appears on displays during installation.

## Media type identifiers

Labels on the distribution media that are used for installation have unique identifiers. Media type identifiers are located on the center of the label. These identifiers help you determine when to use each media volume.

When you are ready to install your new software, arrange the media in this order:

1. Licensed Machine Code - I\_BASE\_01

This language independent Licensed Machine Code (Licensed Internal Code) supports all language versions. The Licensed Machine Code is part of the standard set of media.

2. Multiple language version media - B\_GROUPx\_nn

This media contains the multiple language versions of the operating system, IBM-supplied libraries, no charge options, no-charge licensed programs, and keyed products. For the media identifier string B\_GROUPx\_nn, x indicates the language group and nn indicates a sequence number. See [“Feature codes for language version” on page 8](#) for a list of languages that are in each group.

3. F\_MULTI\_NLV

This media contains some additional programs, products, single licensed programs, or options.

4. N29xx\_01 Secondary Language Media

This media contains only language objects for the indicated secondary language. For secondary language media, the value for 29xx is the feature code of the secondary language as used for installation.

### Notes:

1. Keep all of your distribution media. You might need them for recovery procedures.
2. You might receive additional media volumes that do not conform to these descriptions. Examples include media that contain PRPQs or media for IBM i Access Family products that are installed on workstations. Also, IBM Business Partners might label the media differently.
3. Julian dates are shown in the form yddd. The y is the last digit of the year (0 through 9), and ddd is the day of the year (0 through 366). For example, the Julian date for 6 April 2018 would be shown as 4096 because 06 April is the 96th day of the year 2018.

<i>I_BASE_01 (LCD8-2576-0x) Entitled Software Support (ESS Only)</i>			
Product	Option	Description	Requires a software license key
5770-999	9999	USB Licensed Machine Code	No

<i>I_BASE_01 (LCD8-2320-0x) Entitled Software Support (ESS Only)</i>			
<b>Product</b>	<b>Option</b>	<b>Description</b>	<b>Requires a software license key</b>
5770-999	9999	Utility for bootable Licensed Machine Code	No

<i>I_BASE_01 (LCD8-2553-0x)</i>			
<b>Product</b>	<b>Option</b>	<b>Description</b>	<b>Requires a software license key</b>
5770-999	9999	Licensed Machine Code	No

<i>B_GROUPx_01 (LCD8-2554-0x B_GROUP1_01) (LCD8-2563-0x B_GROUP2_01) (LCD8-2568-0x B_GROUP3_01)</i>				
<b>Product</b>	<b>Option</b>	<b>Code Load ID</b>	<b>Description</b>	<b>Requires a software license key</b>
5770-SS1	Base (QGPL, QUSRSYS, QSYS)	5050	IBM i	Yes

<i>B_GROUPx_02 (LCD8-2555-0x B_GROUP1_02) (LCD8-2564-0x B_GROUP2_02) (LCD8-2569-0x B_GROUP3_02)</i>				
<b>Product</b>	<b>Option</b>	<b>Code Load ID</b>	<b>Description</b>	<b>Requires a software license key</b>
5770-SS1	1	5050	Extended Base Support	No
5770-SS1	2	5050	Online Information	No
5770-SS1	3	5050	Extended Base Directory Support	No
5770-SS1	5	5050	System/36 Environment	No
5770-SS1	6	5050	System/38 Environment	No
5770-SS1	7	5050	Example Tools Library	No
5770-SS1	8	5050	AFP Compatibility Fonts	No
5770-SS1	9	5050	*PRV CL Compiler Support	No
5770-SS1	12	5050	Host Servers	No
5770-SS1	13	5050	System Openness Includes	No
5770-SS1	14	5050	GDDM	No
5770-SS1	18	5103	Media and Storage Extensions	Yes
5770-SS1	21	5050	Extended G11N Support	No
5770-SS1	22	5050	ObjectConnect	No
5770-SS1	30	5050	Qshell	No

*B\_GROUPx\_02* (LCD8-2555-0x B\_GROUP1\_02) (LCD8-2564-0x B\_GROUP2\_02) (LCD8-2569-0x B\_GROUP3\_02) (continued)

<b>Product</b>	<b>Option</b>	<b>Code Load ID</b>	<b>Description</b>	<b>Requires a software license key</b>
5770-SS1	31	5050	Domain Name System and Dynamic Host Configuration	No
5770-SS1	34	5050	Digital Certificate Manager	No
5770-SS1	35	5050	CCA Cryptographic Service Provider	No
5770-SS1	36	5112	PSF for IBM i 1-55 IPM Printer Support	Yes
5770-SS1	37	5113	PSF for IBM i 1-100 IPM Printer Support	Yes
5770-SS1	38	5114	PSF for IBM i Any Speed Printer Support	Yes
5770-SS1	39	5050	International Components for Unicode	No

*B\_GROUPx\_03* (LCD8-2559-0x B\_GROUP1\_03) (LCD8-2565-0x B\_GROUP2\_03) (LCD8-2570\_0x B\_GROUP3\_03)

<b>Product</b>	<b>Option</b>	<b>Code Load ID</b>	<b>Description</b>	<b>Requires a software license key</b>
5770-SS1	23	5105	OptiConnect	No
5770-SS1	33	5111	Portable App Solutions Environment	No
5770-SS1	44	5050	Encrypted Backup Enablement	No
5770-SS1	45	5050	Encrypted ASP Enablement	No
5770-MG1	base	5050	Managed System Services	No
5770-SM1	base	5050	System Manager	No
5733-ARE	base	5050	Application Runtime Expert	No
5770-DFH	base	5050	CICS	No
5770-DFH	1	5050	CICS - Sample Applications	No
5798-FAX	base	5050	Facsimile Support	No

*B\_GROUPx\_04* (LCD8-2561-0x B\_GROUP1\_04) (LCD8-2566-0x B\_GROUP2\_04) (LCD8-2571-0x B\_GROUP3\_04)

<b>Product</b>	<b>Option</b>	<b>Code Load ID</b>	<b>Description</b>	<b>Requires a software license key</b>
5761-AP1	base	5050	IBM Advanced DBCS Printer Support for iSeries <b>(B_GROUP3_04 only)</b>	Yes
5761-AP1	1	5101	Adv DBCS Printer Support - IPDS <b>(B_GROUP3_04 only)</b>	Yes
5770-BR1	base	5050	IBM Backup, Recovery and Media Services for i	Yes
5770-BR1	1	5101	BRMS - Network Feature	Yes
5770-BR1	2	5102	BRMS - Advanced Feature	Yes

B\_GROUPx\_04 (LCD8-2561-0x B\_GROUP1\_04) (LCD8-2566-0x B\_GROUP2\_04) (LCD8-2571-0x B\_GROUP3\_04) (continued)

<b>Product</b>	<b>Option</b>	<b>Code Load ID</b>	<b>Description</b>	<b>Requires a software license key</b>
5761-CM1	base	5050	IBM Communications Utilities for System i®	Yes
5770-DG1	base	5050	IBM HTTP Server for i	No
5770-HAS	base	5050	IBM PowerHA® SystemMirror® for i Standard Edition	No
5770-HAS	1	5051	PowerHA for i Enterprise Edition	Yes
5770-HAS	2	5052	PowerHA for i Standard Edition	Yes
5770-HAS	3	5053	PowerHA for i Express Edition	Yes
5770-HAS	4	5054	PowerHA	Yes
5770-HAS	5	5055	PowerHA	Yes
5722-IP1	base	5050	IBM Infoprint Server for iSeries	Yes
5770-JS1	base	5050	IBM Advanced Job Scheduler for i	Yes
5770-NAE	base	5050	IBM Network Authentication Enablement for i	No
5770-PT1	base	5050	IBM Performance Tools for i	Yes
5770-PT1	1	5101	Performance Tools - Manager Feature	Yes
5770-PT1	2	5102	Performance Tools - Agent Feature	Yes
5770-PT1	3	5103	Performance Tools - Job Watcher	Yes
5770-PT1	4	5104	Performance Tools - Reserved	Yes
5770-PT1	5	5105	Performance Tools - Reserved	Yes
5770-QU1	base	5050	IBM Query for i	Yes
5733-SC1	base	5050	IBM Portable Utilities for i	No
5733-SC1	1	5050	OpenSSH, OpenSSL, zlib functions	No
5770-SS1	41	5116	HA Switchable Resources	Yes
5770-SS1	42	5117	HA Journal Performance	Yes
5770-SS1	43	5050	Additional Fonts	No
5770-SS1	47	5050	IBM Advanced Data Security for i	No
5770-SS1	48	5120	Db2 Data Mirroring	No
5770-ST1	base	5050	IBM Db2® Query Manager and SQL Development Kit for i	Yes
5770-TC1	base	5050	IBM TCP/IP Connectivity Utilities for i	No
5770-TS1	base	5050	IBM Transform Services for i	No
5770-TS1	1	5050	Transforms - AFP to PDF Transform	No
5770-UME	base	5050	IBM Universal Manageability Enablement for i	No
5770-XH2	base	5050	IBM i Access for Web	No

B\_GROUPx\_04 (LCD8-2561-0x B\_GROUP1\_04) (LCD8-2566-0x B\_GROUP2\_04) (LCD8-2571-0x B\_GROUP3\_04) (continued)

Product	Option	Code Load ID	Description	Requires a software license key
5770-XW1	base	5050	IBM i Access Family	Yes
5770-XW1	1	5101	IBM i Access Enablement Support	Yes

B\_GROUPx\_05 (LCD8-2562-0x B\_GROUP1\_05) (LCD8-2567-0x B\_GROUP2\_05) (LCD8-2572-0x B\_GROUP3\_05)

Product	Option	Code Load ID	Description	Requires a software license key
5770-DBM	base	5050	Db2 Mirror for i	No
5770-DBM	1	5101	Db2 Mirror Enablement	Yes
5770-DBM	2	5102	Reserved - Option 2	Yes
5770-DBM	3	5103	Reserved - Option 3	Yes
5770-DBM	4	5104	Reserved - Option 4	Yes
5770-DBM	5	5105	Reserved - Option 5	Yes
5770-JV1	base	5050	IBM Developer Kit for Java™	No
5770-JV1	16	5116	Developer Kit for Java 8 32 bit	No
5770-JV1	17	5117	Developer Kit for Java 8 64 bit	No
5770-WDS	base	5050	IBM Rational® Development Studio for i	No
5770-WDS	21 - Appl Dev Toolset	5103	Application Development ToolSet	Yes
5770-WDS	31 - ILE Compilers	5101	ILE RPG	Yes
5770-WDS	32 - Heritage Compilers	5102	System/36 Compatible RPG II	Yes
5770-WDS	33 - Heritage Compilers	5102	System/38 Compatible RPG III	Yes
5770-WDS	34 - Heritage Compilers	5102	RPG/400®	Yes
5770-WDS	35 - ILE Compilers	5101	ILE RPG *PRV Compiler	Yes
5770-WDS	41 - ILE Compilers	5101	ILE COBOL	Yes
5770-WDS	42 - Heritage Compilers	5102	System/36 Compatible COBOL	Yes
5770-WDS	43 - Heritage Compilers	5102	System/38 Compatible COBOL	Yes
5770-WDS	44 - Heritage Compilers	5102	OPM COBOL	Yes

B\_GROUPx\_05 (LCD8-2562-0x B\_GROUP1\_05) (LCD8-2567-0x B\_GROUP2\_05) (LCD8-2572-0x B\_GROUP3\_05) (continued)

Product	Option	Code Load ID	Description	Requires a software license key
5770-WDS	45 - ILE Compilers	5101	ILE COBOL *PRV Compiler	Yes
5770-WDS	51 - ILE Compilers	5101	ILE C	Yes
5770-WDS	52 - ILE Compilers	5101	ILE C++	Yes
5770-WDS	56 - ILE Compilers	5101	IXLC for C/C++	Yes
5770-WDS	60 - base	5050	Workstation Tools - Base	No

F\_MULTI\_NLV (LCD8-1900-0x F\_MULTI\_NLV Db2 Web Query for i 1 of 2)

Product	Option	Code Load ID	Description	Requires a software license key
5733-WQX	base	5050	IBM Db2 Web Query for i	Yes
5733-WQX	1	5101	Web Query Express Edition	Yes
5733-WQX	2	5102	Web Query Standard Edition	Yes
5733-WQX	4	5104	Web Query Developer Users	Yes
5733-WQX	6	5106	Web Query Runtime Enablement Groups	Yes
5733-WQX	7	5107	Web Query JD Edwards Adapter	Yes
5733-WQX	8	5108	DataMigrator for i	Yes
5733-WQX	9	5109	Web Query Scheduler Edition	Yes
5733-WQX	10	5110	Web Query Runtime User Edition	Yes

F\_MULTI\_NLV (LCD8-2641-0x F\_MULTI\_NLV Db2 Web Query for i 2 of 2)

Product	Option	Code Load ID	Description	Requires a software license key
5733-WQX	5	5105	Web Query Developer Workbench Users	Yes

(LCD8-2628-0x Java) Entitled Software Support (ESS Only)

Product	Option	Code Load ID	Description	Requires a software license key
5770-JV1	19	5119	Developer Kit for Java 11 64 bit	No



<i>IBM i Access Client Solutions (LCD8-2009-0x)</i>	
<b>Product</b>	<b>Description</b>
5733-XJ1	IBM i Access Client Solutions

<i>IBM i Access Client Solutions Entitled Software Support (ESS Only)</i>	
<b>Product</b>	<b>Description</b>
5733-XJ1	IBM i Access Client Solutions (LCD8-2010-0x)
5733-XJ1	IBM i Access Client Solutions for Windows (LCD8-2011-0x)
5733-XJ1	IBM i Access Client Solutions for Linux (LCD8-2012-0x)

<i>(LCD8-2390-0x IBM Cloud Storage Solutions for i) Entitled Software Support (ESS Only)</i>				
<b>Product</b>	<b>Option</b>	<b>Code Load ID</b>	<b>Description</b>	<b>Requires a software license key</b>
5733-ICC	base	5050	IBM Cloud Storage Solutions for i	No
5733-ICC	1	5101	Cloud Storage	Yes
5733-ICC	2	5102	Advanced	Yes

<i>(LCD8-2429-0x ARCAD RPG Converter for IBM i) Entitled Software Support (ESS Only)</i>			
<b>Product</b>	<b>Option</b>	<b>Description</b>	<b>Requires a software license key</b>
5733-AC1	base	ARCAD RPG Converter for IBM i	No

<i>(LCD8-2430-0x ARCAD Observer for IBM i) Entitled Software Support (ESS Only)</i>			
<b>Product</b>	<b>Option</b>	<b>Description</b>	<b>Requires a software license key</b>
5733-AO1	base	ARCAD Observer for IBM i	No

**Notes:**

1. Refer to the Entitled Software Support (ESS) web site ([www.ibm.com/servers/eserver/ess/OpenServlet.wss](http://www.ibm.com/servers/eserver/ess/OpenServlet.wss)) to access, download, and manage your software programs. Please visit this web site, and under the IBM i Evaluation, Try & Buy and NLV download tab, you can find your trial use software for this product.
2. You might receive other media that contains a single licensed program or option and also has the volume ID of F\_MULTI\_NLV. The media label lists the licensed program or option contained on the media.

## Feature codes for language version

Use this table to locate the appropriate IBM i feature code for your primary or secondary language.

**Note:** When you install the operating system, the system prompts for the primary language in the form 29xx. When you install the secondary language, you select a feature code, in the form 29xx, from a list of national language feature code identifiers.

For example, if you ordered French for your primary language and Arabic as your secondary language, you would specify 2928 as your primary language when installing the operating system and select 2954 from the list of feature codes when you install the secondary language.

*Table 1. Feature codes for language version*

Group 1 languages (5841)	Group 2 languages (5842)	Group 3 languages (5843)
2924 English	2924 English	2924 English
2963 Belgian Dutch MNCS	2995 Albanian	2938 English DBCS Uppercase
2909 Belgian English	2954 Arabic	2984 English DBCS Uppercase and Lowercase
2966 Belgian French MNCS	2974 Bulgarian	2930 Japanese Universal
2980 Brazilian Portuguese	2912 Croatian	2962 Japanese Katakana
2981 Canadian French MNCS	2975 Czech	2986 Korean
2926 Danish	2902 Estonian	2906 Laotian
2923 Dutch Netherlands	2998 Farsi	2989 Simplified Chinese
2925 Finnish	2957 Greek	2987 Traditional Chinese
2928 French	2961 Hebrew	2972 Thai
2940 French MNCS	2976 Hungarian	2905 Vietnamese
2929 German	2904 Latvian	
2939 German MNCS	2903 Lithuanian	
2958 Icelandic	2913 Macedonian	
2932 Italian	2978 Polish	
2942 Italian MNCS	2992 Romanian	
2933 Norwegian	2979 Russian	
2922 Portuguese	2914 Serbian	
2996 Portuguese MNCS	2994 Slovakian	
2931 Spanish	2911 Slovenian	
2937 Swedish	2956 Turkish	

## Trademarks

IBM, the IBM logo, and [ibm.com](http://ibm.com) are trademarks or registered trademarks of International Business Machines Corp., registered in many jurisdictions worldwide. Other product and service names might be trademarks of IBM or other companies. A current list of IBM trademarks is available on the Web at Copyright and trademark information at [www.ibm.com/legal/copytrade.shtml](http://www.ibm.com/legal/copytrade.shtml).

Microsoft and Windows are trademarks of Microsoft Corporation in the United States, other countries, or both.

Java and all Java-based trademarks are trademarks of Oracle Corporation in the United States, other countries, or both.

Other company, product, or service names may be trademarks or service marks of others.



**October 2022 Printed in USA**

References in this publication to IBM products, programs, or services do not imply that IBM intends to make these available in all countries in which IBM operates. Any reference to an IBM program product in this publication is not intended to state or imply that only IBM's program product may be used. Any functionally equivalent program may be used instead.

© **Copyright IBM Corporation 2010, 2022.**

US Government Users Restricted Rights – Use, duplication or disclosure restricted by GSA ADP Schedule Contract with IBM Corp.

**GI11-9935-02**

---

# Index

## M

media label  
overview [1](#)

## O

optical media  
overview of IBM i [1](#)