



ASEM 6300P-EW1 and 6300B-EW1 Entry Level Industrial Computers

Bulletin 6300B-EW1, 6300P-EW1

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This publication provides technical specifications, environmental specifications, certifications, and dimensions for the Allen-Bradley® ASEM™, 6300B-EW1 Box PCs and 6300P-EW1 Panel PCs.

Use this document with the Visualization Solutions Selection Guide, publication [VIEW-SG002](#), to make initial decisions about the operator panels for visualization products that are best suited for your system requirements.

Terminology

ASEM 6300B-EW1 Box PCs and 6300P-EW1 Panel PCs are configurable, with many possible valid catalog numbers. To aid in readability, we refer to devices by the first several characters only. For example, 6300B-EW1 applies to all catalog numbers that begin with these characters (6300B-EW1, and so on).

Throughout this manual, the terms “Panel PC” and “Box PC” are used to refer to the following catalog numbers. See the product label on the side of your computer to locate its specific catalog number.

Panel PC

Cat. No. Identifier	Size	Bezel Type	Bezel Material	Touch Screen Type
6300P-EW112EA	12.1 W	AF	Aluminum	Resistive
6300P-EW115LA	15.6 W			
6300P-EW118LA	18.5 W			
6300P-EW121LA	21.5 W			
6300P-EW124LA	24.0 W			
6300P-EW112FC	12.1 W	GL	Aluminum glass True Flat	PCAP
6300P-EW115LC	15.6 W			
6300P-EW118LC	18.5 W			
6300P-EW121LC	21.5 W			
6300P-EW124LC	24.0 W			
6300P-EW112FD	12.1 W	SR	Stainless Steel	Resistive
6300P-EW115LD	15.6 W			
6300P-EW118LD	18.5 W			
6300P-EW121LD	21.5 W			
6300P-EW124LD	24.0 W			
6300P-EW110DA	10.4	AF	Aluminum	Resistive
6300P-EW112EA	12.1			
6300P-EW115EA	15.0			
6300P-EW117GA	17.0			
6300P-EW119GA	19.0			
6300P-EW110DB	10.4	AT		
6300P-EW112EB	12.1			
6300P-EW115EB	15.0			
6300P-EW117GB	17.0			
6300P-EW119GB	19.0			

Box PC

Cat. No.	Description
6300B-EW1xA	6300B wall mount Box PC low profile with no add-on slots and no expansion slot (SL)
6300B-EW1xB	6300B wall mount Box PC standard profile with add-on slots and no expansion slot (S0)
6300B-EW1xC	6300B wall mount Box PC standard profile with add-on slots and one expansion slot (S1)

6300B-EW1 Box PCs and 6300P-EW1 Panel PCs Comparison

The computer is available in three different versions according to add-on and expansion slot option:

Catalog n.	System	Version	Add-On slots	Expansion Slot
6300P-EW1****A	Panel PC	Slim size (SL)	No	No
6300B-EW1*A	Box PC			
6300P-EW1****B	Panel PC	Slot zero (S0)	Yes	Yes
6300B-EW1*B	Box PC			
6300P-EW1****C	Panel PC	Slot one (S1)	Yes	Yes
6300B-EW1*C	Box PC			

SL (slim size) version has no add-on slots and no expansion slot.

Slim - 6300P-EW1****A

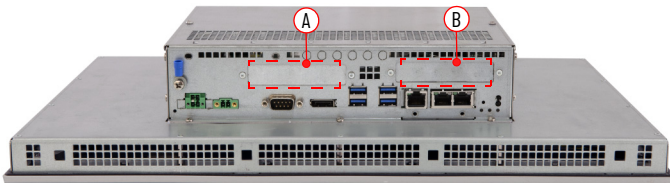


Slim - 6300B-EW1*A

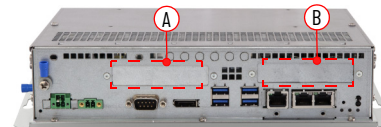


S0 (slot zero) version has add-on slots and no expansion slot.

Slot 0 - 6300P-EW1****B



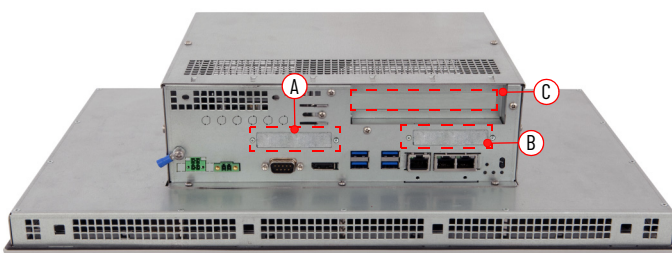
Slot 0 - 6300B-EW1*B



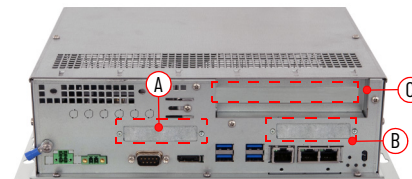
No.	Description
A	Add-On position A
B	Add-On position B

S1 (slot one) version has add-on slots and one expansion slot.

Slot 1 - 6300P-EW1****C



Slot 1 - 6300B-EW1*C



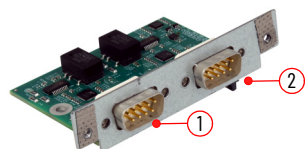
No.	Description
A	Add-On position A
B	Add-On position B
C	Expansion Slot

NOTE: the 12.1 W in. display is not available for systems S1 (slot one)

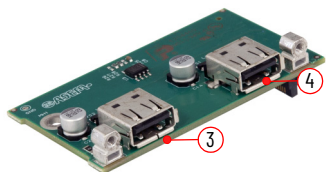
Add-On Position A / B Expansion Slot

Position A

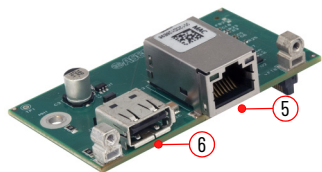
2x RS232/422/485 isolated (DB9M)



2x USB 2.0 (Type-A)



1x Gigabit Ethernet (RJ45) + 1x USB 2.0 (Type-A)

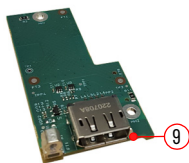


Position B

1x Gigabit Ethernet (RJ45)



1x RVL (RJ45)



Expansion Slot (C):

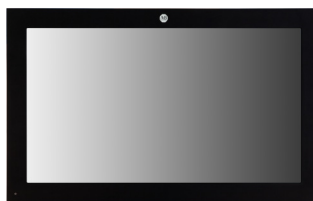
- 1x PCI half-length, on riser card or
- 1x PCIe x4 half-length, on riser card

No.	Description	Required cable	Function
1	2x RS232/422/485 isolated (DB9M)	Serial Unshielded, up to 15 m (49.21 ft)	COM 2
2			COM 3
3	2x USB 2.0 (Type-A)	USB Unshielded, up to 30 m (98.42 ft)	USB 5
4			USB 6
5	1x 2.5 Gb Ethernet (RJ45) + 1x USB 2.0 (Type-A)	Ethernet Unshielded, up to 100 m (328.08 ft)	USB 6
6		USB Unshielded, up to 30 m (98.42 ft)	LAN 4
7	1x 2.5 Gb Ethernet (RJ45)	Ethernet Unshielded, up to 100 m (328.08 ft)	LAN 5
8	1x RVL (RJ45)	RVL up to 100 m (328.08 ft)	RVL OUT 1
9	1x DisplayPort	DP++ up to 5 m (16.40 ft)	DP 2

Bezels

The system is available with different kinds of **bezels**:

- Low Profile Aluminum bezel with single touch resistive touchscreen (AF).
- Low Profile Aluminum and Glass True Flat bezel with multi touch PCAP capacitive touchscreen (GL).
- Low Profile Stainless steel IP69K bezel with single touch resistive touchscreen (SR).
- Standard Profile Aluminum bezel with USB port and single touch resistive touchscreen (AF).
- Low Profile Aluminum True Flat bezel with USB port and single touch resistive touchscreen (AT).

6300P-EW1xxxA - Aluminum Frame bezel with single touch resistive touchscreen (AF)**Sizes available**

* 12.1 in. W
15.6 in. W
18.5 in. W
21.5 in. W
24.0 in. W

* not available on S1 version

6300P-EW1xxxA - Aluminum Frame bezel with USB port and single touch resistive touchscreen (AF)**Sizes available**

10.4 in.
12.1 in.
15.0 in.
17.0 in.
19.0 in.

6300P-EW1xxxB - Aluminum True Flat bezel with USB port and single touch resistive touchscreen (AT)**Sizes available**

10.4 in.
12.1 in.
15.0 in.
17.0 in.
19.0 in.

6300P-EW1xxxC - Glass bezel with multi touch PCAP capacitive touchscreen (GL)**Sizes available**

* 12.1 in. W
15.6 in. W
18.5 in. W
21.5 in. W
24.0 in. W

* not available on S1 version

6300P-EW1xxxD - Stainless steel IP69K bezel with single touch resistive touchscreen (SR)**Sizes available**

* 12.1 in. W
15.6 in. W
18.5 in. W
21.5 in. W
24.0 in. W

* not available on S1 version

Catalog Number Explanation

6300P-EW1 Panel PCs Catalog Number Explanation

Examples that are given in this section are not intended to be used for product selection. Not all combinations generate a valid catalog number. Use ProposalWorks™ software to configure the PC. ProposalWorks software is available from rok.auto/systemtools.

6300P - EW1 10D A A A N N - A A N N N N N N - N N N N S
a b c d e f g h i j k l m n o p q r s t u

a	
Display Size (in.)	
Cod.	Description
10D	10.4 (4:3)
12E	12.1 (4:3)
12F	12.1 (16:10)
15E	15.0 (4:3)
15L	15.6 (16:9)
17G	17.0 (5:4)
18L	18.5 (16:9)
19G	19.0 (5:4)
21L	21.5 (16:9)
24L	24.0 (16:9)

b	
Bezel Design	
Cod.	Description
A	Aluminium - EX (AF)
B	Aluminium TrueFlat - EX (AT)
C	Aluminum and Glass TrueFlat - EX (GL)
D	Stainless steel IP69K (SR)

c	
Power	
Cod.	Description
A	24V DC

d	
System Configuration	
Cod.	Description
A	SL - No Communication and No expansion slot
B	S0 - No expansion slot
C	S1 - 1x PCI/PCIe

e	
PCI Expansion	
Cod.	Description
A	No
B	1 x PCIe x4
C	1 x PCI

f	
Radio option	
Cod.	Description
N	No

g	
Processor class	
Cod.	Description
A	Atom x-6425E

h	
RAM	
Cod.	Description
A	4 GB
B	8 GB
C	16 GB

i	
Storage (M.2 SSD NVMe)	
Cod.	Description
N	No
A	128GB
B	256GB
C	512GB
D	1TB

j	
Storage (2.5 in. SSD)	
Cod.	Description
N	No
A	64GB
B	128GB
C	256GB
D	512GB
E	1TB

k	
Storage (CFAST)	
Cod.	Description
N	No
A	30GB
B	60GB
C	120GB
D	240GB

l	
TPM	
Cod.	Description
N	No
A	Firmware TPM
B	TPM Module

m	
NOVRAM	
Cod.	Description
N	No
A	512 kB

n	
COM1 Ports	
Cod.	Description
N	No
A	1x Ethernet Port+1 USB
B	2x Serial Ports
C	2x USB

o	
COM2 Ports	
Cod.	Description
N	No
A	1x Ethernet Port
B	1x RVL
C	1x DisplayPort

p	
Operating System	
Cod.	Description
N	No
A	Windows® 10 IoT Enterprise LTSC 2021

q	
O.S. position	
Cod.	Description
N	No
A	on M.2 SSD
B	on 2.5 in. SSD
C	on CFAST

r	
Remote ASS SW	
Cod.	Description
N	No

s	
APP Software	
Cod.	Description
N	No

t	
Optix License	
Cod.	Description
N	No

u	
Branding	
Cod.	Description
S	AB
B	Brandless

6300B-EW1 Box PCs Catalog Number Explanation

Examples that are given in this section are not intended to be used for product selection. Not all combinations generate a valid catalog number. Use ProposalWorks software to configure the PC. ProposalWorks software is available from rok.auto/systemtools.

6300B - EW1 A A N N - A A N N N N N N N - N N N N N

a **b** **c** **d** **e** **f** **g** **h** **i** **j** **k** **l** **m** **n** **o** **p** **q** **r**

a	
Power	
Cod.	Description
A	24V DC

b	
System Configuration	
Cod.	Description
A	SL - No Communication and No expansion slot
B	S0 - No expansion slot
C	S1 - 1x PCI/PCIe

c	
PCI Expansion	
Cod.	Description
A	No
B	1 x PCIe x4
C	1 x PCI

d	
Radio option	
Cod.	Description
N	No

e	
Processor class	
Cod.	Description
A	Atom x-6425E

f	
RAM	
Cod.	Description
A	4 GB
B	8 GB
C	16 GB

g	
Storage (M.2 SSD NVMe)	
Cod.	Description
N	No
A	128GB
B	256GB
C	512GB
D	1TB

h	
Storage (2.5 in. SSD)	
Cod.	Description
N	No
A	64GB
B	128GB
C	256GB
D	512GB
E	1TB

i	
Storage (CFAST)	
Cod.	Description
N	No
A	30GB
B	60GB
C	120GB
D	240GB

j	
TPM	
Cod.	Description
N	No
A	Firmware TPM
B	TPM Module

k	
NOVRAM	
Cod.	Description
N	No
A	512 kB

l	
COM1 Ports	
Cod.	Description
N	No
A	1x Ethernet Port+1 USB
B	2x Serial Ports
C	2x USB

m	
COM2 Ports	
Cod.	Description
N	No
A	1x Ethernet Port
B	1x RVL
C	1x DisplayPort

p	
Operating System	
Cod.	Description
N	No
A	Windows 10 IoT Enterprise LTSC 2021

q	
O.S. position	
Cod.	Description
N	No
A	on M.2 SSD
B	on 2.5 in. SSD
C	on CFast

r	
Remote ASS SW	
Cod.	Description
N	No

s	
APP Software	
Cod.	Description
N	No

t	
Optix License	
Cod.	Description
N	No

u	
Branding	
Cod.	Description
S	AB
B	Brandless

Specifications

Table 1 - Technical Data

		6300P-EW1 Panel PCs					6300B-EW1 Box PCs
Bezel Types		Aluminum Frame (AF)	Glass (GL)	Stainless Steel (SR)	Aluminum Frame (AF)	Aluminum True Flat (AT)	-
Display Sizes		12.1 in. W - 1280x800 (16:10) 15.6 in. W - 1920x1080 (16:9) 18.5 in. W - 1920x1080 (16:9) 21.5 in. W - 1920x1080 (16:9) 24.0 in. W - 1920x1080 (16:9)			10.4 in. - 800x600 (4:3) 12.1 in. - 1024x768 (4:3) 15.0 in. - 1024x768 (4:3) 17.0 in. - 1280x1024 (5:4) 19.0 in. - 1280x1024 (5:4)		-
Front USB		-			1x USB 2.0 (Type-A), protected		-
Touch Screen Types		Resistive single touch	PCAP multitouch	Resistive single touch			-
Protection Grade	IP rating	IP65 - frontal		IP69K - frontal	IP65 - frontal		IP20
	NEMA rating	UL Type 1, 4x (indoor only)		UL Type 1, 4x (indoor only) ,12			-
Case	Installation	Panel Mounting					Wall mounting
	Material	Zinc-coated skin pass steel					
Processor (soldered on-board)		Intel Atom® x6425E 2.00GHz (3.00GHz Burst) • 64bit • 4 cores / 4 threads • 1.5MB L2 cache • 10nm					
Chipset		Intel® Elkhart Lake PCH (Platform Controller Hub) • Included into processor chip (SoC)					
Video Controller		Intel® UHD Graphics integrated					
TPM		Intel® PTT (TPM integrated) - Discrete TPM (optional)					
System Memory RAM		4GB (LPDDR4X) 8GB (LPDDR4X) 16GB (LPDDR4X)					
Mass Storage (M.2 SSD and SSD/HDD are alternative to each other)	CFast	1 x bootable CFast SATA III slot onboard with external access (up to 240GB)					
	M.2 SSD	1 x onboard connector for direct insertion of M.2 NVMe PCIe x2 SSD (up to 1TB)					
	SSD (only S0/S1 versions)	1x onboard connectors for 2.5 in. SATA III SSD with internal installation kit					
Interfaces	LAN	1 x 2.5 Gigabit Ethernet (RJ45) 2 x Gigabit Ethernet (RJ45)					
	USB	-			1 x USB 2.0 (Type A) protected front ⁽¹⁾		-
		4 x USB 3.1 Gen2 (Type-A) 10 Gbps					
	Serial	1x RS232/422/485 (DB9M)					
	Video	1 x DisplayPort++ V1.4a					
ADD-ON Interfaces (optional) not available for SL version	Position A (max 1)	2 x RS232/422/485 isolated (DB9M) 2x USB 2.0 (Type-A) 1 x 2.5 Gigabit Ethernet (RJ45) + 1x USB 2.0 (Type-A)					
	Position B (max 1)	1 x 2.5 Gigabit Ethernet (RJ45) 1 x RVL (remote video link RJ45) 1 x DisplayPort++ V1.4a					
Expansion Slots	S1 version only	1x PCI half-length or 1x PCIe x4 half-length, on riser card (max 5W)					
Novram (optional)		512 Kb MRAM module for retentive variables					
Power Supply Input		24VDC (18...32V DC) SELV isolated, 3.4A for 6300P-EW1, 2.5A for 6300B-EW1					
Power Supply (function selectable from BIOS)		Remote Power Button 1x output signal Power Status + 1x input signal System Off					
Battery		1x CR2032 external access					
O.S.Certified		Microsoft Windows 10 IoT Enterprise LTSC 2021 64 bit					

(1) A USB port located on the front panel is only available on 6300P panel PCs with standard profile aluminum bezels.

Table 2 - Environmental Specifications

Attribute		Values
Ambient Temperature	operating	0...50 °C (32...122 °F)
	storage	-20...+60 °C (-4...+140 °F)
Operation/Storage relative humidity		20%...90% RH @ 25 °C (77 °F) non-condensing
Max. Altitude, operating		2000 m (6562 ft)
Vibration (EN 60068-2-6:2008-02 Environmental testing - Part 2-6: Tests - Test Fc: Vibration (sinusoidal))	Frequency range	10.00 Hz to 500.00 Hz
	Sweep rate	1 octave / min
	Number of sweep cycles	5 / axis (56°27")
	Displacement	0.3048 mm p-p (10.00 Hz to 57 Hz)
	Acceleration	0-p: 2.0 g (57 Hz to 500.00 Hz)
Shock (En 60068-2-27:2009-05, Environmental testing - Part 2-27: Tests - Test Ea and guidance: Shock) Shape of rated mechanical stress: Half-Sine	operating	15 g (acceleration) at 11 ms (duration)
	non operating	30 g (acceleration) at 11 ms (duration)
Pollution degree		2

Table 3 - Standards Compliance and Certifications

Certification	Value
CE (EMC)	European Union 2014/30/EU EMC Directive, compliant with: EN 61326-1; Electrical equipment for measurement, control and laboratory use.
UKCA	2016 No. 1091 Electromagnetic Compatibility Regulations (EMC). 2012 No. 3032 Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations (RoHS). EN 61326-1:2021 Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: General requirements.
cULus	cULus Listed Industrial Control Equipment for use in Ordinary Location per standards ANSI/UL 61010-1 and ANSI/UL 61010-2-201 for USA and CSA C22.2 NO. 61010-1, CSA C22.2 No. 61010-2-201 for Canada.
Cmim - Morocco	Arrêté ministériel n° 6404-15 NM EN 61326-1
KC - Korea	Registered under the Clause 3, Article 58-2 of Radio Waves Act. R-R-RAA-JB1.
RCM - Australia and New Zealand	Australian Radio Communications Act, compliant with: EN 61326-1:2013 Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: General requirements.
REACH	EU REACH regulation (EC) No 1907/2006
RoHS	China RoHS, Turkey RoHS, European RoHS, UKCA RoHS

Display specifications

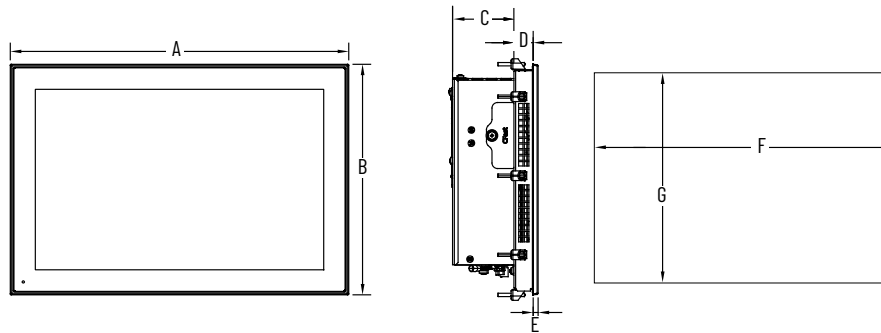
Attribute		Display Sizes, All Bezel Types				
		10.4 in.	12.1 in.	12.1 in. Wide	15.0 in.	15.6 in. Wide
ASEM code		21900099	21900121	21900123	21900125	21900124
Display Type		LCD TFT	LCD TFT	LCD TFT	LCD TFT	LCD TFT
Active area [mm (in.)]	(W)	211.2 (8.31)	245.76 (9.67)	261.12 (10.28)	304.1 (11.97)	344.16 (13.54)
	(L)	148.4 (5.84)	184.32 (5.84)	163.2 (6.42)	228.1 (8.98)	193.59 (7.62)
Resolution		800 x 600 (SVGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)	1920 x 1080 (HD 1080)
Colors		16.7 M	16.2 M	16.7 M	16.7 M	16.2 M
Pixel Pitch (H/V) [mm (in.)]	(H)	0.264 (0.010)	0.240 (0.009)	0.204 (0.008)	0.297 (0.011)	0.17925 (0.00705)
	(V)	0.264 (0.010)	0.240 (0.009)	0.204 (0.008)	0.297 (0.011)	0.17925 (0.00705)
LED Backlight luminance (typ.)		400 cd/m ²	600 cd/m ²	400 cd/m ²	500 cd/m ²	450 cd/m ²
Viewing Angle [°] L:R/U:L (typ.)		80:80/70:70	89:89/89:89	88:88/88:88	88:88/88:88	85:85/85:85
Contrast ratio		700:1	1000:1	1000:1	2500:1	800:1
Response Time (Rise/Fall) ms		16	25	27	23	25
Backlight		LED	LED	LED	LED	LED
LED life time min. (h)		50000	50000	50000	50000	50000
Aspect Ratio		4:3	4:3	16:10	4:3	16:9

Attribute		Display Sizes, All Bezel Types				
		17.0 in.	18.5 in. Wide	19.0 in.	21.5 in. Wide	24.0 in. Wide
ASEM code		21900133	21900116	21900101	21900090	21900103
Display Type		LCD TFT	LCD TFT	LCD TFT	LCD TFT	LCD TFT
Active area [mm (in.)]	(W)	408.96 (16.10)	408.96 (16.10)	376.32 (18.76)	476.64 (18.76)	531.36 ()
	(L)	230.04 (9.05)	230.04 (9.05)	301.05 (10.55)	268.11 (10.55)	298.89 ()
Resolution		1920 x 1080 (HD 1080)	1920 x 1080 (HD 1080)	1280 x 1024 (SXGA)	1920 x 1080 (HD 1080)	1920 x 1080 (HD 1080)
Colors		16.7 M	16.7 M	16.7 M	16.7 M	16.7 M
Pixel Pitch (H/V) [mm (in.)]	(H)	0.213 (0.0083)	0.213 (0.0083)	0.294 ()	0.248 (0.0097)	0.27675 ()
	(V)	0.213 (0.0083)	0.213 (0.0083)	0.294 ()	0.248 (0.0097)	0.27675 ()
LED Backlight luminance (typ.)		500 cd/m ²	500 cd/m ²	350 cd/m ²	300 cd/m ²	300 cd/m ²
Viewing Angle [°] L:R/U:L (typ.)		89:89/89:89	89:89/89:89	85:85/85:85	89:89/89:89	89:89/89:89
Contrast ratio		1000:1	1000:1	1500:1	5000:1	5000:1
Response Time (Rise/Fall) ms		20	20	35	25	25
Backlight		LED	LED	LED	LED	LED
LED life time min. (h)		50000	50000	70000	50000	50000
Aspect Ratio		16:9	16:9	5:4	16:9	16:9

Approximate Dimensions

Dimensions are in mm (inches). Dimensions are not intended to be used for manufacturing purposes.

Panel PCs Dimensions



Display Size in.	Cat. No.	Aspect Ratio	Bezel Design	System config.	Dimensions mm [in.]					Cutout mm [in.]	
					A	B	C	D	E	F	G
10.4	6300P-EW110D	4 : 3	A B	A	300.0 [11.81]	245.0 [9.64]	28.4 [1.1]	18.8 [0.74]	5.0 [0.19]	280.0 [11.02]	225.0 [8.85]
				B			55.8 [2.19]				
				C			76.8 [3.02]				
12.1	6300P-EW112E	4 : 3	A B	A	335.0 [13.18]	270.0 [10.62]	28.4 [1.1]	18.8 [0.74]	5.0 [0.19]	315.0 [12.40]	250.0 [9.84]
				B			55.8 [2.19]				
				C			76.8 [3.02]				
15.0	6300P-EW115E	4 : 3	A B	A	390.0 [15.35]	315.0 [12.40]	28.4 [1.1]	18.8 [0.74]	6.0 [0.23]	370.0 [14.56]	295.0 [11.61]
				B			55.8 [2.19]				
				C			76.8 [3.02]				
17.0	6300P-EW117G	5 : 4	A B	A	455.0 [17.91]	355.0 [13.97]	28.4 [1.1]	20.8 [0.81]	6.0 [0.23]	435.0 [17.12]	335.0 [13.18]
				B			55.8 [2.19]				
				C			76.8 [3.02]				
19.0	6300P-EW119G	5 : 4	A B	A	490.0 [19.29]	388.0 [15.27]	28.4 [1.1]	22.8 [0.89]	6.0 [0.23]	470.0 [18.50]	368.0 [14.48]
				B			55.8 [2.19]				
				C			76.8 [3.02]				
12.1	6300P-EW112F	16 : 10	A C	A	308.0 [12.12]	210.0 [8.26]	28.4 [1.1]	17.5 [0.68]	4.5 [0.17]	300.0 [11.81]	202.0 [7.95]
				B			55.8 [2.19]				
				C			-				
			D	A	324.0 [12.75]	226.0 [8.89]	28.4 [1.1]	17.5 [0.68]	5.2 [0.20]	300.0 [11.81]	202.0 [7.95]
				B			55.8 [2.19]				
				C			-				
15.6	6300P-EW115L	16 : 9	A C	A	395.5 [15.57]	245.0 [9.64]	28.4 [1.1]	24.8 [0.97]	6.0 [0.23]	387.5 [15.25]	237.5 [9.35]
				B			55.8 [2.19]				
				C			76.8 [3.02]				
			D	A	411.0 [16.18]	260.0 [10.23]	28.4 [1.1]	17.5 [0.68]	5.2 [0.20]	387.5 [15.25]	237.5 [9.35]
				B			55.8 [2.19]				
				C			76.8 [3.02]				
18.5	6300P-EW118L	16 : 9	A C	A	461.0 [18.14]	282.0 [11.10]	28.4 [1.1]	25.1 [0.98]	6.0 [0.23]	453.0 [17.83]	274.5 [10.80]
				B			55.8 [2.19]				
				C			76.8 [3.02]				
			D	A	476.0 [18.74]	297.0 [11.69]	28.4 [1.1]	17.5 [0.68]	5.2 [0.20]	453.0 [17.83]	274.5 [10.80]
				B			55.8 [2.19]				
				C			76.8 [3.02]				

Display Size in.	Cat. No.	Aspect Ratio	Bezel Design	System config.	Dimensions mm [in.]					Cutout mm [in.]	
					A	B	C	D	E	F	G
21.5	6300P-EW121L	16 : 9	A C	A	528.0 [20.78]	319.5 [12.57]	28.4 [1.1]	25.0 [0.98]	6.0 [0.23]	520.0 [20.47]	312.0 [12.28]
				B			55.8 [2.19]				
				C			76.8 [3.02]				
			D	A	544.0 [21.41]	334.0 [13.14]	28.4 [1.1]	17.5 [0.68]	5.2 [0.20]	520.0 [20.47]	312.0 [12.28]
				B			55.8 [2.19]				
				C			76.8 [3.02]				
24.0	6300P-EW124L	16 : 9	A C	A	584.0 [22.99]	352.0 [13.85]	28.4 [1.1]	25.0 [0.98]	6.0 [0.23]	576.0 [22.67]	344.5 [13.56]
				B			55.8 [2.19]				
				C			76.8 [3.02]				
			D	A	599.0 [23.58]	367.0 [14.44]	28.4 [1.1]	23.5 [0.92]	5.2 [0.20]	576.0 [22.67]	344.5 [13.56]
				B			55.8 [2.19]				
				C			76.8 [3.02]				

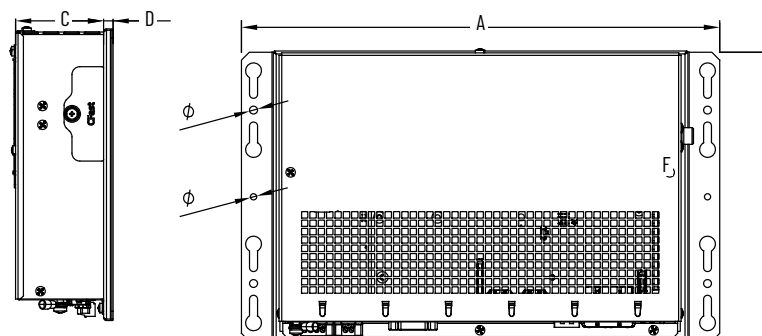
Table 4 - Bezel Design (catalog builder reference)

Reference	Material	Touchscreen
A	Aluminum frame	Resistive
B	True Flat Aluminium	Resistive
C	Aluminum and Glass	Capacitive
D	Stainless Steel	Resistive

Table 5 - System Configuration (catalog builder reference)

Reference	Configuration
A	Slim (no Add-On slots and no Expansion slot)
B	Slot 0 (yes Add-On slots and no expansion slot)
C	Slot 1 (yes Add-On slots and yes expansion slot)

Box PCs Dimensions



Cat. No.	System Config.	Dimensions mm [in.]			
		A	B	C	D
6300B-EW1	A	303.4 [11.94]	183.4 [7.22]	28.4 [1.1]	6.0 [0.23]
	B		55.8 [2.19]		
	C		215.5 [8.48]	76.8 [3.02]	

Additional Resources

These documents contain additional information concerning related products from Rockwell Automation. You can view or download publications at rok.auto/literature.

Resource	Description
ASEM 6300P-EW1 and 6300P-EW1 Entry Level Industrial Computers User Manual, publication 6300-UM003	Provides details on how to install, configure, operate, and troubleshoot the ASEM 6300P-EW1 and 6300P-EW1 Entry Level Industrial Computers.
ASEM 6300P-EW1 and 6300P-EW1 Entry Level Industrial Computers Installation Instructions, publication 6300-IN002	Provides basic installation guidelines and instructions for ASEM 6300P-EW1 and 6300P-EW1 Entry Level Industrial Computers.
ProposalWorks™ configuration software, rok.auto/systemtools	Helps configure complete, valid catalog numbers and build complete quotes based on detailed product information.
Product Certifications website, rok.auto/certifications	Provides declarations of conformity, certificates, and other certification details.

Rockwell Automation Support

Use these resources to access support information.

Technical Support Center	Find help with how-to videos, FAQs, chat, user forums, Knowledgebase, and product notification updates.	rok.auto/support
Local Technical Support Phone Numbers	Locate the telephone number for your country.	rok.auto/phonesupport
Technical Documentation Center	Quickly access and download technical specifications, installation instructions, and user manuals.	rok.auto/techdocs
Literature Library	Find installation instructions, manuals, brochures, and technical data publications.	rok.auto/literature
Product Compatibility and Download Center (PCDC)	Download firmware, associated files (such as AOP, EDS, and DTM), and access product release notes.	rok.auto/pcdc

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Rockwell Otomasyon Ticaret A.Ş. Kar Plaza İş Merkezi E Blok Kat:6 34752, İçerenköy, İstanbul, Tel: +90 (216) 5698400 EEE Yönetmeliğine Uygundur

Connect with us.    

rockwellautomation.com — expanding human possibility®

AMERICAS: Rockwell Automation, 1201 South Second Street, Milwaukee, WI 53204-2496 USA, Tel: (1) 414.382.2000

EUROPE/MIDDLE EAST/AFRICA: Rockwell Automation NV, Pegasus Park, De Kleetlaan 12a, 1831 Diegem, Belgium, Tel: (32) 2663 0600

ASIA PACIFIC: Rockwell Automation SEA Pte Ltd, 2 Corporation Road, #04-05, Main Lobby, Corporation Place, Singapore 618494, Tel: (65) 6510 6608

UNITED KINGDOM: Rockwell Automation Ltd., Pitfield, Kiln Farm, Milton Keynes, MK11 3DR, United Kingdom, Tel: (44)(1908) 838-800

Publication 6300-TD003A-EN-P - May 2025

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