

Keyguard Requirements

Identifier: _____

Highlighted items must be provided or a screenshot, taken on the actual tablet, must be provided. Note a screenshot is always helpful even if the highlighted items are provided. It's also a good idea to include a picture of the app running on the tablet inside the case.

Section & Option	Possible Values	My Value
Tablet		
type of tablet:	(see list below table)	
orientation:	portrait, landscape	
expose home button:	yes, no	
expose camera:	yes, no	
swap camera and home button:	yes, no	
Tablet Case		
have a case:	yes, no	
height of opening in case:	100 – 500 mm	
width of opening in case:	100 – 500 mm	
case opening corner radius:	0 – 30 mm	
App Layout		
status bar height:	0 – 10 mm	
expose status bar:	yes, no	
upper message bar height:	0 – 40 mm	
expose upper message bar:	yes, no	
upper command bar height:	0 – 40 mm	
expose upper command bar:	yes, no	
lower message bar height:	0 – 40 mm	
expose lower message bar:	yes, no	
bar edge slope:	30 – 90 degrees	
Grid Layout		
number of columns:	1 – 20	
number of rows:	1 – 20	
horizontal rail width:	3 – 25 mm	
vertical rail width:	3 – 25 mm	
preferred rail height:	2 – 15 mm	
rail slope:	30 – 90 degrees	
shape of opening:	rectangle, circle, rounded rectangle	
rounded rectangle corner radius:	1 – 20 mm	
cover these cells:		
merge cells horizontally starting at:		
merge cells vertically starting at:		
add a ridge around these cells:		
height of ridge:	1 – 10 mm	
thickness of ridge:	1 – 10 mm	
top padding:	-50 – 50 mm	
bottom padding:	-50 – 50 mm	
left padding:	-50 – 50 mm	
right padding:	-50 – 50 mm	

Mounting Method		
mounting method:	No Mount, Suction Cups, Velcro, Screw-on Straps, Clip-on Straps, Slide-in Tabs - for cases, Raised Tabs - for cases	
Velcro Info		
velcro size:	10mm -3/8 in- Dots, 16mm -5/8 in- Dots, 20mm -3/4 in- Dots, 3/8 in Squares, 5/8 in Squares, 3/4 in Squares	
Clip-on Straps Info		
clip width:	15 – 30 mm	
distance between clip-on straps:	20 – 120 mm	
include vertical strap (not for cases):	yes, no	
case width:	200 – 400 mm	
case thickness:	5 – 40 mm	
clip bottom length:	15 – 45 mm	
case to screen depth:	1 – 10 mm	
unequal left side of case:	0 – 50 mm	
Slide-in Tabs Info		
preferred slide in tab thickness:	1 – 5 mm	
slide in tab length:	2 – 20 mm	
slide in tab width:	10 – 30 mm	
distance between slide in tabs:	20 – 120 mm	
Raised Tabs Info		
raised tab height:	2 – 30 mm	
raised tab length:	3 – 30 mm	
raised tab width:	10 – 30 mm	
preferred raised tab thickness:	2 – 5 mm	
distance between raised tabs:	40 – 120 mm	
Free-form and Hybrid Keyguard		
free form keyguard thickness:	3 – 10 mm	
unit of measure:	px, mm	
starting corner for measurements:	upper-left, lower-left	
Special Actions and Settings		
generate:	keyguard, first half of keyguard, second half of keyguard, clip, cell cover	
height compensation for tight cases:	0 – 20mm	
width compensation for tight cases:	0 – 20mm	
unequal left side of case opening:	0 – 50 mm	
unequal bottom side of case opening:	0 – 50 mm	
smoothness of circles and arcs:	5 - 360	
split line:	-100 – 100 mm	
split line type:	flat, dovetails	

approx. dovetail width:	3 – 10 mm	
tightness of dovetail joint:	0 – 10	

Supported Tablets/Systems:

iPad	iPad mini 3	Surface 2
iPad2	iPad mini 4	Surface 3
iPad 3rd generation	iPad mini 5	Surface Pro 3
iPad 4th generation	iPad Air	Surface Pro 4
iPad 5th generation	iPad Air 2	Surface Pro 5
iPad 6th generation	iPad Air 3	Surface Pro 6
iPad 7th generation	iPad Air 4	Surface Pro 7
iPad 8th generation	Dynavox I-12+	Surface Pro X
iPad Pro 9.7-inch	Dynavox Indi	Surface Go
iPad Pro 10.5-inch	NovaChat 5	Fujitsu Stylistic Q665
iPad Pro 11-inch	NovaChat 8	Amazon Fire HD 7
iPad Pro 12.9-inch 1st Generation	NovaChat 10	Amazon Fire HD 8
iPad Pro 12.9-inch 2nd Generation	NovaChat 12	Amazon Fire HD 8 Plus
iPad Pro 12.9-inch 3rd Generation	Accent 1000	Amazon Fire HD 10
iPad Pro 12.9-inch 4th Generation	Accent 1400 AC14-20	
iPad mini	Accent 1400 AC14-30	
iPad mini 2		

Special Instructions:

3D Print Information

Filament Type:	
Outlines/Perimeters/Shells:	
Number of Top and Bottom Solid Layers:	
Layer Height (other than first layer):	
Infill Percentage:	
Printed with Supports?	
Special Instructions:	