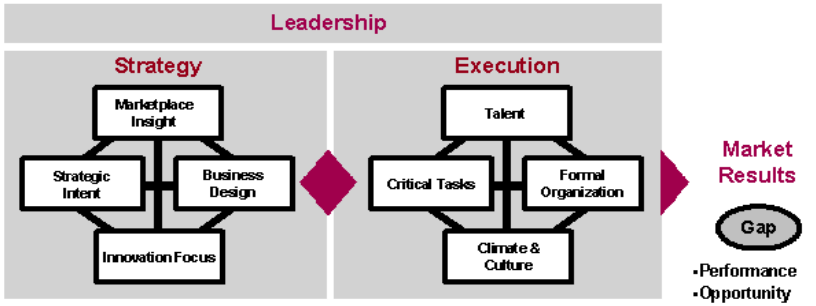
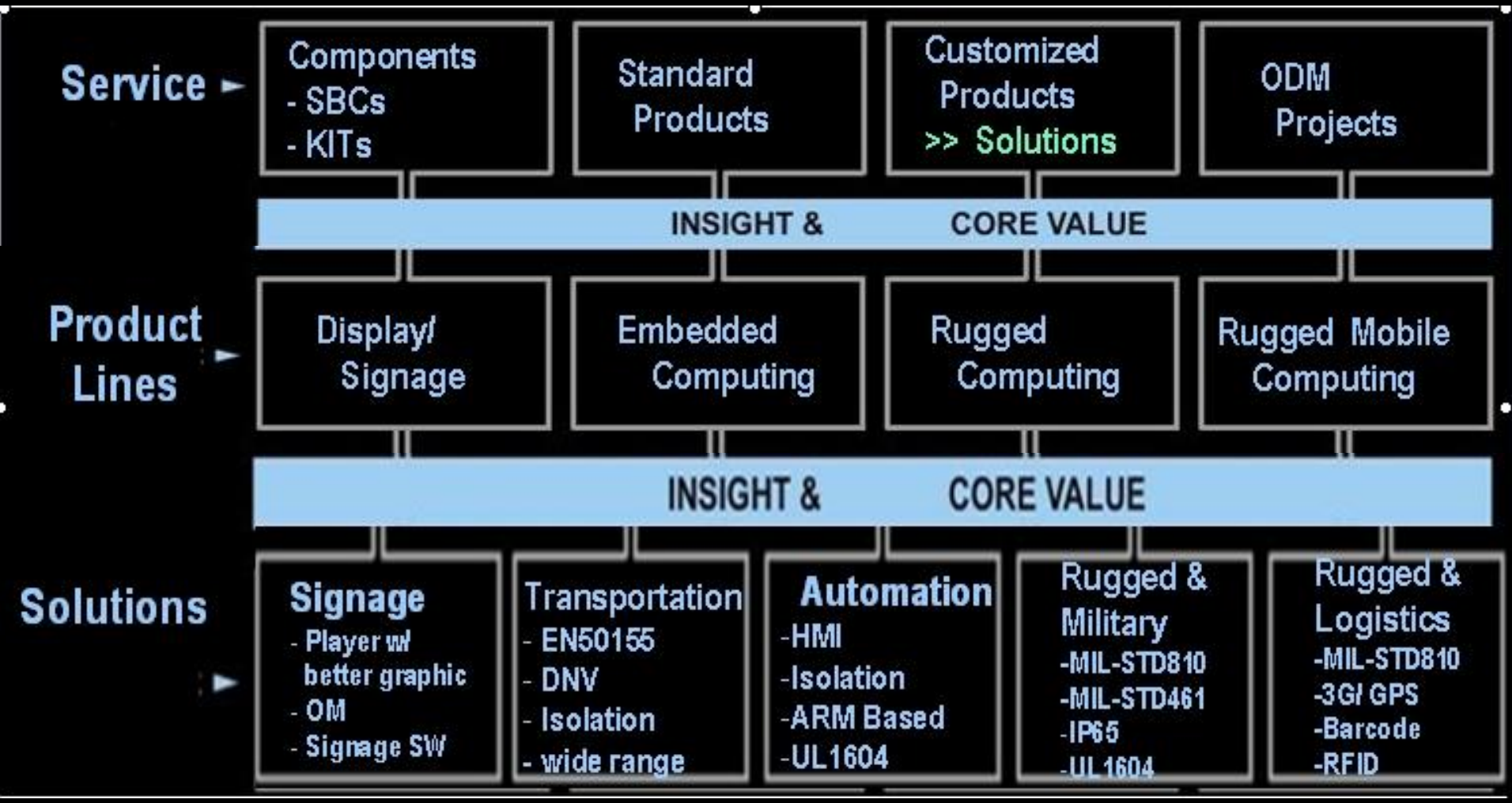
Winmate Product Roadmap 2011






Service
Components
- SBCs
- KITs
Standard Products
Customized Products
>> Solutions
ODM Projects
INSIGHT & CORE VALUE
Product Lines
Display/ Signage
Embedded Computing
Rugged Computing
Rugged Mobile Computing
INSIGHT & CORE VALUE
Solutions
Signage
- Player w/ better graphic
- OM
- Signage SW
Transportation
- EN50155
- DNV
- Isolation
- wide range
Automation
-HMI
-Isolation
-ARM Based
-UL1604
Rugged & Military
-MIL-STD810
-MIL-STD461
-IP65
-UL1604
Rugged & Logistics
-MIL-STD810
-3G/ GPS
-Barcode
-RFID

Single Board Computer Road Map



	Mass Production	2010 Q4	2011Q1 – 2011Q2	2011 Q3
Mini ITX	IA70 (Atom N270) IL70 (Atom dual cores) I771 (Core2-Duo) A370 (Athlon+ SB780)		Intel Sugar Bay/ Sandy Bridge (QM67)	
			Intel Calpella (QM57)	
		Upgrade		
3.5”	IA30 (Atom N270) I931 (Atom Z530) I330 (Core2-Duo)		Intel Atom Dual cores (D525)	
			Intel Oak Trial Atom Z6xx (Lincroft)	
				Intel Queens Bay Atom E6xx (Tunnel Creek)
Power Module	**Isolation Power 60W, 80W, 100W**		**Military adapter 90W: MAD-90M Slim adapter 150W: SAD-150M**	

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PPC/ HMI/POS Product Road Map

Mass Production	2010 Q4	2011Q1 – 2011Q2	2011 Q3

HMI



- 3.7”, 5.7”, 7” (ARM11)
- 7”, 10.1” (I931) POE
- 10.4” (IA70)
- 3.7”, 5.7”, 7” (Cortex-A8)
- 5.7”, 7”, 10.1” Intel Oak Trial (Lincroft)
- Intel Atom D525 (IL70)

HMI Software Package development

POS



- 15” (IA30, I930)
- New design 15” POS

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Embedded System Product Road Map

Mass Production	2010 Q4	2011Q1 – 2011Q2	2011 Q3

High Performance

Industrial Box PC
-with Fan

I330
I370
I771

Intel Sugar Bay (QM67)

Intel Calpella (QM57)

- Core i5/i7
- Core2-Duo
- Celeron M



Low Power

Industrial Box PC
-Fanless

IA30
I931
IA70

Intel Atom (D525)

Intel Queens Bay (Tunnel Creek)

- Atom N270
- Atom Z5xxp



Upgrade

工控/車用/船用

EAC
-C2D Fanless
-DNV
-EN50155

IA30
I931

I771 (Intel GM45)

IL70 (Intel Atom D525)

- Core2-Duo ULV
- Atom Dual Cores



Signage Player

NHIG/THIQ Box PC
-External Fan

Intel Calpella QM57
Intel GM45

Intel Sugar Bay (QM67)

- Core i5/ i7
- Core2-Duo



Rugged PPC/Display G-WIN Product Road Map

Mass Production	2010 Q4	2011Q1 – 2011Q2	2011 Q3

G-WIN PPC
7”, 8.4” , 10.4”
12.1”, 15”

IP67
15”

I931 (7”)
IA30 (8.4”~ 15”)
I330 (8.4”~ 15”)

Intel Atom
(D525)





Upgrade

G-WIN Display

IP67

7”, 8.4” , 10.4”, 12.1”, 15”
Display

Military

15” PPC/
Display



MIL-STD -461

20”Rugged Console



Marine

8.4” ~ 19”
PPC



8.4” ~ 23.1”
Display

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Rugged Computing (G-WIN / Military/ Marine/ IP67)

1	**Rugged/ G-WIN Panel PC / Display** 1) 7”, 8.4”, 10.4”, 12.1” , 15” G-WIN PPC - Transportation - IP67 for 15”, - WiFi - MIL-810/ MIL-461 /EN50155 - Isolated DIO, CAN bus, Isolated RS-422/485 - Isolation Wide Range 9~36V Power Input - Intel Atom Z530/N270 (future: Intel Atom D525) - future: UL1604 2) 7”, 8.4”, 10.4”, 12.1” , 15” G-WIN Display - Transportation - Military/ IP67 for 15” - MIL-810G/ MIL-461F /EN50155 - Isolation Wide Range 9~36V Power Input  	PM: Ian/Bruce M/E: Jacky H/W: Hank Test: Lindon S/W: Vincent PE: David	Ongoing	Q2/11
2	**Military Grade Display** -- 20.1” (Future: 17”, 19”) - -MIL-STD 810G and 461F -- EMI ITO Mesh filter glass/ touch  **Marine Panel PC / LCD** 1) 8.4” ~ 23” DNV/ IEC-60945 2) ODM project based.	PM: Bruce M/E: Jacky H/W: Hank Test: Lindon S/W: Vincent PE: David	Ongoing	Q2/11

Rugged Mobile Computing Roadmap

	Available	New released	Q4, 2010	Q1, 2011	Q2, 2011
Rugged Notebook			12.1" Rugged NB - GS45		Intel Core i5/ i7 Processor
Standard Rugged Tablet PC	Tablet PC - I88/I98/IA8/V28				
"Mobile Rugged" Tablet PC		Built-in 3G & GPS -I88/IL8/I98/IA8 		 UL1604	
"Compact Rugged" Tablet PC		7" Tablet PC - MIL-STD 	7" tablet pc -I983 	10.4" Medical - I986 	7" Tablet PC - MIL-STD 
Compact Rugged Handheld			3.7" 、5.7" Handheld 		

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Rugged Mobile Computing -1

No.	Tablet PC
1	**Rugged Notebook NB** **1) 12.1 Rugged NB** **- SU9300(SL9400) / GS45** - MIL-810F / MIL-461E - Built-in 3G/GPS/ Wi-Fi/ Bluetooth **2) New Platform :Core i5/i7 QM57** 
2	**Rugged/ "Mobile Rugged" Tablet PC** 1)Standard Rugged Tablet PC -I88/I98/IA8/V28 **2)Mobile Rugged Tablet PC** **- I88D/IL81T/I98/IA83** 3) - MIL-810 (Military) **- UL1604 (Class 1, Div.2)** - Built-in 3G/ GPS (Mobile Tablet PC) - mini-PCIe SSD(PATA/SATA) (Mobile Tablet PC) - Finger Printer (Mobile Tablet PC) -Can Bus/ RS485/ VGA-in For Tablet PC -Support Hotswap Battery Function   

工作計劃- Rugged Mobile Computing -2

No.	Tablet PC
3	**“Compact Rugged” Handheld** - 3.7” 、5.7” based on Cortex A8 - **Windows CE® 6.0/ Linux** - Supported **Sunlight readable** LED panel **- IP67** Water and dust proof - Complies with **MIL-STD 810F** Standard - 3.7” Mobile HH POS (?) - Windows Mobile OS; Windows Handheld Embedded (?) **- (Study) i-pad like table pc, Android 2.1, Cortex A9 (?)**  
4	**“Compact Rugged” tablet** 1) 7” Rugged Tablet PC (with 3G/GPS/WiFi/BT) **- Lightweight design** **- GPS built-in design** 2) 7” Handheld for China (with WiFi/Bluetooth) -Support Hotswap Battery Function 3) 10.4” Medical **(UL60601)** support Finger printer/ Barcode reader/ RFID scanner. 4) 7” tablet pc with new Atom Z6xx (OakTrail) CPU:2.9W   

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Industrial Display

No.	Industrial Display
1	**Wireless Display (i-Pad like display) :** - 10.1” LED monitor with WUSB, Projective-Cap Touch R1H550
2	USB 3.0 Display: - 10.1” with one USB cable (VGA+Touch+power)
3	**4 CVBS (NTSC) video input** -15” (4:3) LED monitor, resolution:1024x768 -4 video shown on one screen (divided by 4) and selecting one full screen 
4	**Mstar Scalar Board series :** -M7X, size as R7X600， VGA+DVI -M5A, size as G5A
5	**Multi-Touch Solution** - 5.7” ~ 15” Resistive /P-Cap Touch - 32” ~ 65” IR-Touch
6	**High Brightness LED** - 7”, 8.4”, 10.4”~19”

Digital Signage

No.	Plan items
1	**New Signage Player 1** -Twin Harbor (Core i5) + WES7+MSO Pro -x86 based, 
2	**New Signage Player 2:** - A370 + MXM Graphic Card +MSO Pro - I771 + MXM Graphic Card +MSO Pro
3	**LED Smart Signage Display:** - 32” LED OMA1 
4	Rock Harbor (ODM project) - Core i5 / Core i7 + Sandy bridge

Solution bundles

	Available	Nov, '10	Dec, '10	Q1, 2011	Q2, 2011
Rugged + military			Police car bundle		
Rugged + logistic		Tablet PC for ticking with Accessories			
Automation			7" 門禁+ LED		
Transportation		Railway Display+ box pc			
Signage	Bus bundle				


NOT ONLY DO IT GOOD,
WE DO IT RIGHT.